


Radio Shack[®]

1985

64th ANNIVERSARY CATALOG

CATALOG 380 OFFICE COPY - DO NOT REMOVE

PROPERTY OF BOB HEALY

Radio Shack®

The Technology Store™ for 64 Years

The tradition continues for 1985 with more breakthroughs than we've ever introduced in a single year. New home/office multi-line phone system. New PocketVision TV. New compact disc player. New stereo hi-fi VCR. Incredible new Tandy 2000 MS-DOS personal computer. Over 200 new products in all, and every one of them exclusive at Radio Shack.



BETA HI-FI VCR FOR SPECTACULAR STEREO SOUND

NEW FOR '85

**Now Get Theater-Quality Audio From Movies and Music Videos!
It's Also an Audio Deck—Outperforms Open-Reel and Cassette!**

TANDY
Radio Shack
ADVANCED TECHNOLOGY SERIES
...AND AFFORDABLE TOO



Convenient Wireless Infrared Remote Control



Duplicates all of the front-panel controls

599⁹⁵

AS LOW AS
Radio Shack
CITILINE
\$35 PER MONTH

- 105-Channel, Cable-Ready Tuner With 12 Presets for Easy, One-Touch Tuning
- Two Speeds—Records Up to Five Hours on A Single L-830 Video Cassette

Realistic Model 20. The sensational picture is only part of the good news. Now you can enjoy all the dazzling stereo sound you've been missing on prerecorded videos, movies and concerts. The exciting new Beta Hi-Fi system records and plays the sound with its rotating video heads instead of with the stationary sound head of conventional VCRs. The result is audio perfection—performance that rivals digital audio discs! You get full compatibility with earlier monophonic Beta II and III prerecorded tapes because the usual linear record/play sound system is also included. And the stereo video tapes you make with the Model 20 will play—with monophonic sound—on any Beta II or III VCR. Now, check this astonishing versatility! A switch makes it easy to record the stereo sound of TV/FM simulcasts along with the video. You can add our new stereo TV sound receiver to record over-the-air stereo TV. Plus, with the flip of a switch, the Model 20 becomes an extended-play audio recorder that outperforms all the other non-digital recorders available for home use. Flat frequency response of 20 to 20,000 Hz. Extra-wide dynamic range of 80 dB. Inaudible wow and flutter of only 0.005%. And channel separation of 60 dB. Size: 4⁵/₈ x 16¹/₂ x 14¹/₈". U.L. listed. Includes an excellent 30-page owner's manual. Come in for a demonstration and experience sound that's even better than you get at most movie theaters. **16-600** **599.95**

The Latest High-Tech Features Make it So Easy to Use!



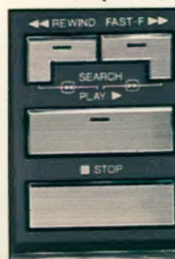
18-LED AUDIO LEVEL METER. Makes it simple to set the audio recording level for highest possible fidelity.



IC LOGIC CONTROL. All tape motion is directed in precise, logical steps by a built-in computer. Soft-touch controls give you absolutely jam-proof, mistake-proof operation!



CABLE-READY. You can program any VHF, UHF or cable channel on any of the 12 presets. One-touch tuning on front panel, up/down tuning with remote!



3-FUNCTION DISPLAY. Time, timer setting and tape footage count. Record one program within a 7-day period or at the same time every day.



Now! MTV on Beta Hi-Fi



Only **29⁹⁵**

MTV "Video to Go".
50-3004 .. 29.95
MTV "Video to Go Live".
50-3006 .. 29.95

See Page 4
For Details

RADIO SHACK: The Technology Store™ for 64 Years

Introducing Our Exclusive Advanced Technology Series



For over 60 years, Radio Shack has been bringing the latest in electronic technology to the marketplace. The ADVANCED TECHNOLOGY SERIES emblem of excellence has been awarded to those products in this catalog that represent the absolute best-of-the-best in state-of-the-art new technology,

outstanding quality and price breakthrough. Tandy and Radio Shack are committed to bringing the very best products from the laboratory to the living rooms and offices of America as outstanding values. Radio Shack brings you a unique combination of quality product, convenience, service and support that you can buy with confidence.

Exclusive Radio Shack Brand Names Assure Quality and Value

TANDY REALISTIC  **SAFE HOUSE Science Fair**
TRS-80 MICRONTA  **ARCHER**  **DUOFONE**

Radio Shack Operates 31 Factories in Six Countries



The company manufactures about 50% of its products in plants in California, Illinois, Iowa, Missouri, New Jersey, Texas, Canada, France, Japan, South Korea and Taiwan. All told, 9241 men and women work in 3,112,192 square feet of manufacturing, assembling and packaging space. By operating its own factories, Radio Shack can move a product from the drawing board to the store in optimum time. Radio Shack invests heavily in product development, constantly updating with new technology. By staying a step ahead, we keep quality high, costs down and customers happy.

Radio Shack's Continuing Commitment to Education



As the impact of computers on education continues to grow, Radio Shack continues to expand its line of software for school and home. Today, Radio Shack boasts one of the most comprehensive libraries of educational software available anywhere. Through our program of free training for educators at Radio Shack Computer Centers we're helping introduce teachers to the benefits of computers in schools. Radio Shack Education Division is committed to education, working to meet the needs of schools nationwide. Direct inquiries to: Education Division, 1400 One Tandy Center, Fort Worth, TX 76102.

Special Marketing and Contract Marketing Divisions



National Account Division. Radio Shack provides for the special needs of corporations and quantity buyers. We'll solve your computer application and communication needs, including employee training. Direct inquiries to: National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102.

Tandy Contract Marketing. OEM's/SYSTEM HOUSES become a part of our success story by designing and selling vertical market application packages configured with our computers. Tandy is your single-source supplier. Direct inquiries to: Tandy Contract Marketing, 1400 One Tandy Center, Fort Worth, TX 76102.



Apply for Your Radio Shack/CitiLine Credit Card. No fee required. Simply fill out the CitiLine application card that's available at any participating Radio Shack store. Upon approval by Citibank, often within the hour, you can take your purchases home. Radio Shack/CitiLine may be used to finance any initial purchase of \$225 or more, and subsequent purchases of \$100 or more. Payments can be spread over 30 months, or paid in full anytime. Come in for details.

Most Locations Also Welcome These Cards



EIA MEMBER. Our membership in the Electronics Industry Association is another assurance our products meet high industry standards.



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REMOTE CONTROL VHS VIDEO CASSETTE RECORDER

Feature-Packed, Yet It's Really Easy to Use—A Giant Value in Home Entertainment



Nine-Function Remote Control



Wired system lets you pause, advance tape or rewind it, select play and record modes, and "search" with the cue/review feature—up to 16 feet away. At no extra cost!

NEW '85 FOR

499⁹⁵

AS LOW AS
\$30 PER
MONTH

- Three Speeds—Up to Eight Hours Of Recording and Playback
- 105-Channel Cable-Ready Tuner With 12 Pushbutton Presets

Realistic Model 12. You get sleek low-profile styling, the luxury of remote control, and up to eight hours of recording time on a single T-160 cassette. Start enjoying blockbuster movies, videos and all the television programs you've been missing! It couldn't be simpler to operate. Speed selection is automatic in the playback mode. The electronic tuner allows you to preset twelve VHF, UHF or cable channels for instant selection with soft-touch buttons. You can set the electronic timer to record a program within a nine-day period, or at the same time every day, automatically. Also features convenient automatic rewind at end of tape (except in timer recording mode). An extra-large display for clock/timer/counter. Lighted channel indicators. Four-digit tape counter with memory function. Plus cue/review high-speed search to help you find specific segments on your tapes. Built-in moisture protection with automatic dryer. Jacks for audio input, video input and pause for use with video cameras. RF output for use with regular TV sets. Video and audio outputs allow you to connect the Model 12 with your hi-fi system and a TV monitor for even clearer pictures and sound. 5 1/4 x 18 7/8 x 13 1/2" U.L. listed. Includes everything you need for hookup to any TV set and an excellent 28-page owner's manual. 16-502 499.95

The Best Rock 'n Roll You've Ever Seen on VHS Stereo and Beta Hi-Fi—Only \$29.95

Whole Lotta Shaking



NEW '85 FOR

Elvis!
Jerry Lee!
Everly
Brothers!

The Roots of Rock 'n Roll, Vol. I. Elvis quakes, Jerry Lee shakes as rock's early years come alive. Rare footage of Buddy Holly, Little Richard, Chuck Berry, Bill Haley, Fats Domino, Rick Nelson, more. VHS stereo. 50-3001 29.95

The British Beat



NEW '85 FOR

Beatles!
Stones!
The Who!

The Roots of Rock 'n Roll, Vol. II. The days when the world let its hair grow long. Great clips of The Kinks, The Animals, Dave Clark 5, Gerry and the Pacemakers, The Hollies, more. VHS stereo. 50-3002 29.95

Great MTV Rock Videos

NEW '85 FOR

Duran Duran!
Stray Cats!
Genesis!



MTV Video to Go. A total rock attack with Thomas Dolby, The Motels, Kajagoogoo, J. Geils Band, Dwight Twilley, Tubes, Talk, Talk, Naked Eyes, more.

VHS Stereo. 50-3003 . . . 29.95
Beta Hi-Fi. 50-3004 . . . 29.95

Live MTV Rock Concerts

NEW '85 FOR

Thomas Dolby!
Phil Collins!
Iron Maiden!



MTV Live Video to Go. Front row center at the greatest rock show you'll ever see. Duran Duran, Greg Kihn, Tina Turner, Billy Squire, Tubes, Peter Tosh and more.

VHS Stereo. 50-3005 . . . 29.95
Beta Hi-Fi. 50-3006 . . . 29.95

AMAZING COMPACT DISC DIGITAL AUDIO PLAYER

Radio Shack Introduces the Ultimate in Stereo Sound at a Breakthrough Price

NEW FOR '85

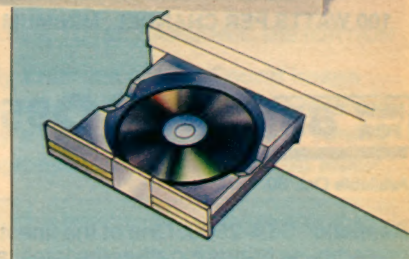


399⁹⁵

AS LOW AS
\$28 PER MONTH

- Revolutionary Laser Technology Reproduces Music Noise-Free
- Sound Quality Never Degrades With Repetitive Playing
- Incredible Dynamic Range—You'll Think It's "Live" Music
- Tri-Spot Pickup Servo System for Absolute Tracking Accuracy

It's the state-of-the-art in stereo technology, yet so incredibly easy to use! Place a disc in the drawer and push a button for automatic play.



Realistic CD-1000. Let Radio Shack introduce you to a remarkable new type of disc player with sound so astoundingly pure that you must hear it to believe it. Compact digital audio discs, also called CDs, play without "pops" or surface noise. There is no audible distortion. No rumble. No acoustic feedback. Dynamic range is nearly as wide as that of a live performance. And wow and flutter are virtually non-existent! The Realistic CD player reads the digital information on the discs with a beam of laser light and a sophisticated electronic eye. Because there's no stylus, there's no wear, so the life of a compact disc is practically forever. But that's only the beginning. The player's built-in computer gives you rapid access to any point on the disc and many easy-to-use programming options. Just place a CD in the drawer and press the open/close button for totally automatic play. Or use the soft-touch buttons to program up to 15 selections you want to hear, in any sequence you desire. Auto-search feature takes you to the beginning of the next selection or restarts the selection that's playing. A fluorescent display shows you exactly where the laser beam is by indicating track number, index number, minutes and seconds left to play, and mode. Pushbuttons for fast-forward and fast-reverse, stop/clear and pause. Works with any stereo system that has aux or tape-in jacks. Come in and discover the ultimate in stereo! 42-5000 399.95

COMPACT DISC—THE FUTURE IS NOW

The compact disc is as close as you can get to the original performance. Musical information is translated into a digital code that lies beneath the disc's transparent surface. The player reads the disc with a laser beam and translates the code back into analog form for reproduction. There's no loss of signal quality. Sound is clean and clear. It's the audio miracle you've been waiting for!

SENSATIONAL SPECIFICATIONS

Frequency Response: 5 to 20,000 Hz \pm 0.5 dB. Signal-to-Noise Ratio: 92 dB. Dynamic Range: 92 dB. Channel Separation: 90 dB. Harmonic Distortion: 0.004%. Wow and Flutter: Unmeasurable (quartz crystal locked). Size: 3³/₈ x 12⁵/₈ x 12¹/₈" U.L. listed.

Musical Spectaculars on Realistic® Compact Digital Audio Discs—Only \$12.95

Pure Classics



NEW FOR '85

The New Sound of All-Time Masters!

The brilliance and power of the world's greatest masterpieces. Works by Ravel, Beethoven, Korsakoff, De Falla and Khatchaturian are fully revealed by the miracle of true digital recording. It will leave you breathless. 51-5001 12.95

First-Class Jazz



NEW FOR '85

Jazz Never Sounded So Good!

The legendary greats display their amazing talents in this true digital showcase. Ellington All-Stars, Joe Farrell, Freddie Hubbard, Art Pepper, Earl Fatha Hines. Hear them as never before. 51-5002 12.95

Big-Screen Sound

NEW FOR '85



Favorite Movie Themes!

A soundtrack spectacular in your living room! Music from The Empire Strikes Back, Robin Hood, Brainstorm, North by Northwest, Star Wars, King's Row, Return of the Jedi and more. 51-5003 12.95

Digital Laser Rock

NEW FOR '85



Ozzy! Quiet Riot! Slade!

The best of today's rock as seen through the eye of a laser beam. It's break-the-lease time with Quiet Riot, Ozzy Osbourne, Slade, Eddie Grant, Aldo Nova, Cheap Trick, Kansas, Nina, Matthew Wilder and more. 51-5004 12.95

Radio Shack—64 Years of Bringing High Technology From the Laboratory to the Living Room, Affordably

OUR FINEST! DIGITAL-SYNTHESIZED RECEIVER



100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**NEW '85
FOR**

499⁹⁵

**AS LOW AS
\$30 PER
MONTH**

Available Oct. 30, 1984

- Precision Quartz Crystal Locks Each Station On-Channel
- Memory Stores 12 Stations—6 FM and 6 AM—For Instant Recall
- Fluorescent Signal Strength and Power Level Meters
- Fluorescent Indicators for FM Stereo and Memory
- Tape Control Center for 2-Way Dubbing and 2-Deck Monitoring

Realistic® STA-2500. One of the finest stereo receivers we've ever offered! This versatile powerhouse brings together the latest advances in microprocessing and audio technology for sonic purity and fingertip control. Tune up and down the FM band in 200-kHz steps and the AM band in 10-kHz steps. Or use the search mode to automatically scan to the next station. Digital fluorescent display shows the exact station frequency. Features separate 11-step bass, treble and midrange controls, balance control and a large 41-step volume control. Inputs for two turntables with magnetic cartridges, two tape decks and aux input for a video cassette recorder, compact disc player or other component. Five LED function indicators show play mode at a glance. MPX blend cuts noise on weak FM stereo stations, and tone defeat overrides tone controls for a ruler-flat response. Subsonic filter eliminates power-robbing distortion. Pushbuttons for A and B speaker pairs, high and low filters, loudness, stereo/mono and FM muting. Fully protected against overheating and overload. U.L. listed. **31-3012** **499.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 100 dB aux. **Phono Overload:** 160 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 70 dB. **Selectivity:** 70 dB. **Image Rejection:** 70 dB. **Stereo Harmonic Distortion:** 0.2%. **Channel Separation (at 1 kHz):** 52 dB. **EXTERNAL CONNECTIONS:** AM antenna and 75 or 300-ohm FM antenna, A and B speaker pairs, stereo head-phone, tape 1 and 2 input/output, magnetic phono 1 and 2, Aux/TV, two AC convenience outlets. **SIZE:** 43/4 x 18 x 12 1/4".



Save \$100⁸⁰ **SYSTEM 889⁰⁰** Reg. Separate Items 989.80

As Low As \$50 Per Month on CitiLine Credit

- Realistic STA-2500 Stereo Receiver
- Two Optimus® T-120 Tower Speakers
- LAB-430 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge



Save \$140⁷⁰ **SYSTEM 1219⁰⁰** Reg. Separate Items 1359.70

As Low As \$69 Per Month On CitiLine Credit

- STA-2500 ■ 2 Optimus-400 Speakers
- LAB-1500 Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-40 Cassette Deck ■ Audio Rack



Save \$310⁵⁰ **SYSTEM 2499⁰⁰** Reg. Separate Items 2809.50 As Low As \$142 Per Month on CitiLine Credit

- STA-2500 ■ Two Mach Two Speakers ■ LAB-2100 Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-42 Auto-Reverse Programmable Cassette Deck
- CD-1000 Compact Disc Digital Audio Player ■ Beta Hi-Fi VCR
- PRO-60 Headphones ■ 12-Band Equalizer ■ Audio Rack


All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy

DIGITAL SYNTHESIZED—WITH STEREO EXPANDER



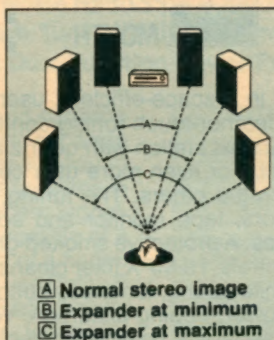
65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

399⁹⁵

AS LOW AS
 \$28 PER MONTH

- Variable Stereo Expander Dramatically Enlarges Stereo Sound Image
- Computerized Memory Stores 6 FM and 6 AM Stations for Instant Recall
- Digital Fluorescent Frequency Display ■ Precise Quartz-Locked Tuning
- 14-Segment LED Power Meter ■ 5-Segment LED Signal Strength Meter

Realistic STA-2270. A remarkable combination of advanced features and clean, dynamic audio power. Stereo Expander creates an amazingly realistic, "live" sound field normally achieved only by adding more speakers or external signal processors. Adjustable expander control varies the range of the sound field. The AM/FM tuner features a search mode for scanning up and down the FM and AM bands automatically—the system stops at each station and tunes it in with pin-point accuracy. Or use the feather-touch control bar for manual tuning. "30 Hz cut" button helps eliminate power-robbing subsonic distortion. FM muting circuit eliminates tuning noise between stations. Pushbuttons for hi-MPX filter, loudness, station search and A/B speaker pairs. Also has 11-step bass, treble and midrange controls. LED Stereo Expander, FM stereo and memory indicators, monitoring and dubbing controls for two tape decks and a lighted power-on indicator. U.L. listed. 31-3005 399.95



Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 85 dB phono, 100 dB aux. **Phono Overload:** 165 mV. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.25 dB. S/N: 75 dB. **Selectivity:** 75 dB. **Image Rejection:** 78 dB. **Stereo Harmonic Distortion:** 0.08%. **Separation (at 1 kHz):** 53 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas. A and B speakers, mag phono, headphone, aux, tape 1 and 2 in/out, AC outlet. **SIZE.** 4 $\frac{3}{4}$ x 18 $\frac{3}{4}$ x 11 $\frac{3}{4}$ "



Save \$90⁸⁰ **SYSTEM 759⁰⁰** **Reg. Separate Items 849.80**
 As Low As \$44 Per Month on CitiLine Credit
 ■ Realistic STA-2270 Stereo Receiver
 ■ Two Optimus®-50 3-Way Speakers
 ■ LAB-430 Direct-Drive Turntable With \$29.95 Realistic/Shure Cartridge

Save \$130⁷⁰ **SYSTEM 1149⁰⁰** **Reg. Separate Items 1279.70**
 As Low As \$66 Per Month on CitiLine Credit
 ■ STA-2270 ■ 2 Optimus T-120 Speakers
 ■ LAB 1500 Linear-Tracking Turntable With Dual-Magnet Cartridge
 ■ SCT-80 Cassette Deck ■ Audio Rack

Save \$200⁶⁰ **SYSTEM 1699⁰⁰** **Reg. Separate Items 1899.60**
 As Low As \$97 Per Month on CitiLine Credit
 ■ STA-2270 Stereo Receiver ■ Two Optimus 400 Speakers
 ■ LAB 2100 Turntable With Dual-Magnet Cartridge
 ■ SCT-40 Cassette Deck ■ 12-Band Frequency Equalizer
 ■ CD-1000 Compact Disc Digital Audio Player ■ Audio Rack

Shop the Worldwide Supermarket of Sound® for the Latest in High-Tech Hi-Fi

SLIM-LINE, DIGITAL-SYNTHESIZED STEREO RECEIVER



30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

NEW FOR '85

299⁹⁵

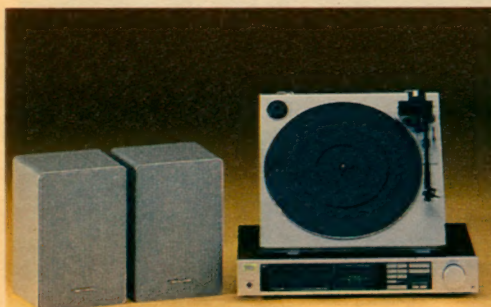
AS LOW AS
\$27 PER MONTH

- Digital Fluorescent Display Shows Precise AM or FM Frequency
- Programmable Memory Stores Up to 6 AM and 6 FM Stations
- Recessed Amplifier Controls ■ 5-Segment LED Signal Strength Meter
- LED Indicators for Function Selectors and FM Stereo

Realistic STA-114. High-tech features in a space-efficient, user-friendly design. Tuning has never been easier—just hold the feather-touch tuning control in forward or reverse mode and the digital circuit locks in the next station with quartz accuracy. Store up to 12 stations in memory for one-touch recall. For even more user convenience, we've separated the frequently used controls from the others. The tuning, memory and 41-detent volume controls, LED function selectors, tape monitor and edge-lit power button are located on the front panel for easy access. A protective smoked-gray window swings down to reveal a complete set of amplifier controls. Hi-MPX filter cleans up weak stereo signals, FM muting blanks interstation noise while tuning, loudness button enhances bass at low volumes and subsonic filter reduces power-robbing distortion. You also get A/B speaker pair and stereo/mono pushbuttons, separate bass and treble controls. U.L. listed. 31-2007 **299.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 95 dB aux. **Phono Overload:** 155 mV. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 70 dB. **Selectivity:** 60 dB. **Image Rejection:** 70 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 45 dB. **External Connections:** AM and 75 or 300-ohm FM antenna, magnetic phono, aux, tape in/out, A and B speaker pairs, stereo headphone, AC convenience outlet. **Size:** 2⁵/₈ x 11³/₄ x 7³/₄".



As Low As \$30 Per Month on CitiLine Credit

Save \$60⁸⁰

SYSTEM 499⁰⁰

Reg. Separate Items 559.80

- Realistic STA-114 AM/FM Stereo Receiver
- Two Minimus®-12 Die-Cast Speakers
- LAB-310 Belt-Drive Automatic Turntable With \$19.95 Moving-Magnet Cartridge



As Low As \$36 Per Month on CitiLine Credit

Save \$70⁸⁰

SYSTEM 639⁰⁰

Reg. Separate Items 709.80

- Realistic STA-114 AM/FM Stereo Receiver
- Two Optimus®-45 3-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Moving-Magnet Cartridge



As Low As \$55 Per Month on CitiLine Credit

Save \$110⁷⁰

SYSTEM 969⁰⁰

Recordings not included Reg. Separate Items 1079.70

- Realistic STA-114 AM/FM Stereo Receiver
- Two Optimus®-50 3-Way Speaker Systems
- LAB-1500 Belt-Drive Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-40 Cassette Deck ■ Audio Rack

SUPERB DIGITAL-SYNTHESIZED CASSETTE/RECEIVER



60 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.015% TOTAL HARMONIC DISTORTION

NEW FOR '85

499⁹⁵

AS LOW AS

\$30 PER MONTH

- Built-In Solenoid Full-Logic-Controlled Stereo Cassette Deck
- Dolby[®] B/C Noise Reduction ■ Fluorescent Digital Tape Timer/Counter
- Feather-Touch Tuning With Programmable 12-Station Memory
- Fluorescent Dual-Function Power/Peak Level Meter

Realistic SCR-4500. Now you can have both a high-performance receiver and cassette deck in a single enclosure—and still get the advanced features you'd expect with separate components. The ultra-precise, quartz-controlled tuning system is exceptionally easy to use. Touch the search button to automatically scan stations. Then store your favorites in memory for instant recall. Fluorescent digital display with 5-segment fluorescent signal-strength meter shows exact frequency. You also get the convenience and versatility of a computer-controlled cassette deck. Its solenoid controls respond at the touch of a finger. Dolby C reduces noise to the vanishing point and increases dynamic range. Or use Dolby B with your existing tapes. Convenient dual-concentric record level controls. Bass, treble, midrange, balance and 41-step volume controls, pushbuttons for hi/lo filters, loudness, stereo/mono, FM mute and search. LED indicators for power-on, memory, pause, record, FM stereo. U.L. listed. 31-2001

499.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 84 dB phono, 100 dB aux. **Phono Overload:** 160 mV. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 70 dB. **Selectivity:** 70 dB. **Image Rejection:** 70 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 50 dB. **CASSETTE.** Response \pm 3 dB: 20-17,000 Hz (metal), 20-16,000 Hz (CrO₂), 20-14,000 Hz (normal). **Wow and Flutter:** Less than 0.06% WRMS. S/N: 68 dB (Dolby C "on", CCIR weighted). **SIZE:** 4 1/2 x 17 3/4 x 13"

*TM Dolby Laboratories Licensing Corp.



As Low As \$49 Per Month on CitiLine Credit

Save \$100⁸⁰

SYSTEM 849⁰⁰

Reg. Separate Items 949.80

- SCR-4500 AM/FM Cassette/Receiver
- Two Optimus-50 3-Way Speakers
- LAB-430 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge



As Low As \$55 Per Month on CitiLine Credit

Save \$110⁸⁰

SYSTEM 949⁰⁰

Reg. Separate Items 1059.80

- SCR-4500 AM/FM Cassette/Receiver
- Two Optimus-400 3-Way Speakers
- LAB-1500 Belt-Drive, Linear-Tracking Turntable With Dual-Magnet Cartridge



As Low As \$70 Per Month on CitiLine Credit

Save \$140⁷⁰

SYSTEM 1239⁰⁰

Reg. Separate Items 1379.70

- SCR-4500 AM/FM Cassette/Receiver
- Two Mach Two 3-Way Speaker Systems
- LAB-2100 Programmable Linear-Tracking Turntable With Dual-Magnet Cartridge
- 12-Band Graphic Equalizer ■ Audio Stand

Get It "On Credit"—Radio Shack/CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

DIGITAL-SYNTHESIZED CASSETTE/RECEIVER



22 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.1% TOTAL HARMONIC DISTORTION

NEW '85
FOR

379⁹⁵

AS LOW AS
\$28 PER MONTH



- Fluorescent Frequency Display and 5-Segment Signal Indicator
- 12-Station Memory (6 AM/6 FM) ■ Dolby® B and C Noise Reduction
- Automatic Search Music System ■ Soft-Touch Tape Controls
- Dual 5-Segment LED Record and Playback Peak Level Meters

Realistic SCR-3010. Now the high-tech features once found only in separate components are yours in a single, space-efficient enclosure. Tune up and down the "dial" by touching a button. Or sample the stations in your area in the search mode, then program your favorites for instant recall. Also features volume control with concentric balance, plus loudness and stereo/mono pushbuttons. High-quality deck records directly off radio, aux/TV input or mike jacks and includes selectors for metal, CrO₂ and normal tape, separate record-level controls, digital tape counter and auto-stop. LED indicators for memory, Dolby B/C NR, record, play, pause and power-on. The perfect choice for your main listening area, bedroom, rec room or den, the SCR-3010 puts it all together—at a lower price than you'd expect to pay for separates with the same features! U.L. listed. **31-1998 379.95**

*TM Dolby Laboratories Licensing Corp.

Specifications

AMPLIFIER: Response: 15-25,000 Hz ± 1 dB. S/N: 81 dB phono, 90 dB aux. **Phono Overload:** 130 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 72 dB. **Selectivity:** 73 dB. **Image Rejection:** 70 dB. **Stereo Harmonic Distortion:** 0.15%. **Separation (at 1 kHz):** 48 dB. **CASSETTE:** Response ± 3 dB: 30-16,000 Hz (metal), 30-16,000 Hz (CrO₂), 30-15,000 Hz (normal). **Wow and Flutter:** Less than 0.09% WRMS. S/N: Dolby B "on", 59 dB; Dolby C "on", 68 dB (CCIR weighted). **SIZE:** 4⁵/₁₆ x 17³/₈ x 10⁵/₈"



**Save
\$64⁸⁰**

SYSTEM
575⁰⁰

Reg.
Separate
Items
639.80

- Only \$33 Per Month On CitiLine Credit
- Realistic SCR-3010 Cassette/Receiver
- Two Minimus-12 Die-Cast Speaker Systems With 5" Woofer, 2" Tweeter
- LAB-310 Belt-Drive Automatic Turntable With \$19.95 Moving-Magnet Cartridge



**Save
\$70⁸⁰**

SYSTEM
639⁰⁰

Reg.
Separate
Items
709.80

- Only \$36 Per Month On CitiLine Credit
- Realistic SCR-3010 Cassette/Receiver
- Two Optimus-30 2-Way Speaker Systems With Genuine Walnut Veneer
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Moving-Magnet Cartridge



**Save
\$80⁸⁰**

SYSTEM
739⁰⁰

Reg.
Separate
Items
819.80

- Only \$42 Per Month On CitiLine Credit
- Realistic SCR-3010 Cassette/Receiver
- Two Optimus-45 3-Way Speaker Systems With Genuine Walnut Veneer
- LAB-1500 Linear-Tracking Belt-Drive Turntable With Dual-Magnet Cartridge

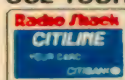
BUDGET-PRICED STEREO CASSETTE/RECEIVER



7 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

199⁹⁵

USE YOUR



- Dolby B NR Reduces Tape Hiss and Increases Dynamic Range
- 5-Segment LED Audio Level Meters for Right and Left Channels
- Tape Selector for Recording With Metal, CrO₂, or Normal Cassettes

Realistic SCR-2500. A great combination—two of the most-wanted stereo components at a price that's less than you might pay for a receiver or cassette deck alone. Perfect for a small apartment, dorm or den—anywhere you want true hi-fi stereo in a limited space. Receiver has separate bass, treble and balance controls, LED FM stereo and perfect-tuning indicators, selectors for AM, FM, FM stereo, tape, phono and aux. Loudness boosts high and low frequencies for deep, full-range sound, even at reduced volume. Record high-quality cassettes from the tuner, phono, another tape deck or "live" using the mike jacks. You get soft-touch function controls, LED record and Dolby indicators, separate record-level controls, digital tape counter and auto-stop. Twin protection circuits automatically safeguard against overheating and speaker overload. Come in today and get the best of both worlds at one down-to-earth price! U.L. listed. 31-1995 199.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 80 dB phono, 85 dB aux. **Phono Overload:** 110 mV. **FM TUNER:** Sensitivity (IHF): 2.0 μ V (11.2 dBf). Capture Ratio: 1.5 dB. S/N: 70 dB. **Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 0.9%. **Separation (at 1 kHz):** 35 dB. **CASSETTE:** Response ± 3 dB: 60-12,000 Hz (metal), 60-10,000 Hz (CrO₂), 60-10,000 Hz (normal). **Wow and Flutter:** Less than 0.09% WRMS. S/N: 52 dB (Dolby "on", CCIR weighted). **SIZE:** 4 $\frac{5}{8}$ x 17 x 8 $\frac{7}{8}$ ".



**Save
\$3080**

**SYSTEM
289⁰⁰**

Reg.
Separate
Items
319.80

Only \$26 Per Month On CitiLine Credit

- Realistic SCR-2500 Cassette/Receiver
- Two Minus-25 Walnut Veneer Speaker Systems With 5" Woofer, 2 $\frac{1}{2}$ " Tweeter
- LAB-90 Automatic Micro-Turntable With Solid-State Cartridge

**Save
\$3480**

**SYSTEM
325⁰⁰**

Reg.
Separate
Items
359.80

Only \$27 Per Month On CitiLine Credit

- Realistic SCR-2500 Cassette/Receiver
- Two MC-600 Walnut Veneer Speaker Systems With 6 $\frac{1}{2}$ " Woofer, 2 $\frac{1}{2}$ " Tweeter
- LAB-85 Belt-Drive Automatic Changer With Moving-Magnet Cartridge

**Save
\$4080**

**SYSTEM
379⁰⁰**

Reg.
Separate
Items
419.80

Only \$28 Per Month On CitiLine Credit

- Realistic SCR-2500 Cassette/Receiver
- Two MC-1201 Walnut Veneer Speaker Systems With 8" Woofer, 2 $\frac{1}{2}$ " Tweeter
- LAB-310 Belt-Drive Automatic Turntable With \$19.95 Moving-Magnet Cartridge

Finance Purchases of \$225 or More With Radio Shack/CitiLine Credit—Come in Today for Details

GREAT SYSTEMS BEGIN WITH REALISTIC® RECEIVERS




65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

Realistic STA-860. Stereo Expander circuit creates an incredibly realistic, "ambient" sound most other receivers can't begin to match. 11-segment LED power output meter, 5-segment LED signal strength meter. Aux input for adding a second tape deck, VCR or video disc sound. FET-FM for superb FM sensitivity. Noise-cancelling circuitry eliminates switching "pops." Controls for FM mute, loudness, tape monitor, A/B speaker pairs. Genuine walnut veneer side panels. U.L. listed. 31-2097

359.95

High-Power Receiver With Stereo Expander

AS LOW AS
359⁹⁵  \$28 PER MONTH

- Expander Enhances Stereo For "Live" Sound Quality
- "30 Hz Cut" Limits Subsonic Distortion, Conserves Power
- Exclusive Auto-Magic® FM Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 83 dB phono, 86 dB aux. Phono Overload: 175 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dB). Capture Ratio: 1.0 dB. S/N: 78 dB. Selectivity: 65 dB. Image Rejection: 60 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 48 dB. **SIZE:** 4 3/4 x 18 1/2 x 13".




24 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

Realistic STA-115. Its smooth, clean styling, ample power and versatility make this one of our most popular receivers! Fully expandable—add a tape deck, an extra set of speakers and more as your needs grow. Aux input for adding a second audio source, VCR or video disc sound. Special noise-cancelling circuitry eliminates "pops" while switching. Wide lighted tuning dial and 11-step bass, treble and volume controls. Oversize selectors for "30 Hz cut", high-filter, loudness, stereo/mono, tape monitor and A/B speaker pairs. Walnut grained vinyl-covered metal case. U.L. listed. 31-2098

219.95

An Outstanding Value With Room to Grow

219⁹⁵  USE YOUR

- "30 Hz Cut" Circuitry Reduces Distortion and Conserves Power
- 5-Level LED Signal Strength Meter Makes Tuning Simple
- Exclusive Auto-Magic® FM Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 85 dB phono, 88 dB aux. Phono Overload: 120 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dB). Capture Ratio: 1.2 dB. S/N: 74 dB. Selectivity: 60 dB. Image Rejection: 65 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 45 dB. **SIZE:** 4 1/2 x 16 5/8 x 11 1/4".



16 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Realistic STA-204. Move up to component hi-fi, affordably! Features 11-step bass and treble controls, aux input for adding a second audio source, VCR or video disc sound and a high-filter. LED FM stereo indicator. Also has loudness, stereo/mono, tape monitor, A/B speaker pair controls. Metal case. U.L. listed. 31-2099

199.95

Versatile Receiver At a Popular Price

199⁹⁵  USE YOUR

- 10-Segment LED AM/FM Signal Strength Meter Aids Tuning
- FM Muting Circuit Eliminates Interstation Tuning Noise
- Exclusive Auto-Magic® FM Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 89 dB phono, 72 dB aux. Phono Overload: 90 mV. **FM TUNER:** Sensitivity (IHF): 2.8 μ V (14.1 dB). Capture Ratio: 3.0 dB. S/N: 65 dB. Selectivity: 45 dB. Image Rejection: 50 dB. Stereo Harmonic Distortion: 0.6%. Separation (at 1 kHz): 34 dB. **SIZE:** 5 x 15 3/8 x 9".

SAVE MONEY WHEN YOU BUY A COMPLETE SYSTEM



Only \$36 Per Month On CitiLine Credit
Save \$70⁸⁰ Reg. Separate Items 689.80 **SYSTEM 619⁰⁰**

- Realistic STA-860 Stereo Receiver
- Two Optimus-80 2-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Magnetic Cartridge



Only \$52 Per Month On CitiLine Credit
Save \$100⁷⁵ Reg. Separate Items 999.75 **SYSTEM 899⁰⁰**

- Realistic STA-860 Stereo Receiver
- Two Optimus-45 3-Way Speaker Systems
- LAB-1500 Linear-Tracking Automatic Turntable With Dual-Magnet Cartridge
- Realistic SCT-70 Dubbing Cassette Deck



Only \$67 Per Month On CitiLine Credit
Save \$130⁷⁰ Reg. Separate Items 1319.70 **SYSTEM 1189⁰⁰**

- Realistic STA-860 Stereo Receiver
- Two Optimus T-120 3-Way Tower Speakers
- LAB-2100 Direct-Drive Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-90 Cassette Deck ■ Audio Cabinet



Only \$28 Per Month On CitiLine Credit
Save \$44⁸⁰ Reg. Separate Items 439.80 **SYSTEM 395⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two MC-1600 2-Way Bass-Reflex Speakers
- LAB-85 Belt-Drive Automatic Changer With Magnetic Cartridge



Only \$31 Per Month On CitiLine Credit
Save \$60⁷⁵ Reg. Separate Items 579.75 **SYSTEM 519⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two Nova-15 2-Way Bass-Reflex Speakers
- LAB-310 Belt-Drive Automatic Turntable With \$19.95 Magnetic Cartridge
- SCP-25 Auto Reverse Cassette Player



Only \$36 Per Month On CitiLine Credit
Save \$70⁷⁵ Reg. Separate Items 699.75 **SYSTEM 629⁰⁰**

- Realistic STA-115 Stereo Receiver
- Two Optimus-30 2-Way Speaker Systems
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Magnetic Cartridge
- Realistic SCT-41 Cassette Deck



Only \$28 Per Month On CitiLine Credit
Save \$40⁸⁰ Reg. Separate Items 399.80 **SYSTEM 359⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two MC-1201 2-Way Speaker Systems
- LAB-85 Belt-Drive Automatic Changer With Magnetic Cartridge



Only \$28 Per Month On CitiLine Credit
Save \$44⁸⁰ Reg. Separate Items 439.80 **SYSTEM 395⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two MC-1600 2-Way Bass-Reflex Speakers
- LAB-310 Belt-Drive Automatic Turntable With \$19.95 Magnetic Cartridge



Only \$32 Per Month On CitiLine Credit
Save \$60⁷⁵ Reg. Separate Items 589.75 **SYSTEM 529⁰⁰**

- Realistic STA-204 Stereo Receiver
- Two Nova-15 2-Way Bass-Reflex Speakers
- LAB-430 Direct-Drive Automatic Turntable With \$29.95 Magnetic Cartridge
- Realistic SCT-35 Cassette Deck

Charge, Time-Pay and Layaway Plans Available at Most Radio Shack Stores

BUDGET-PRICED RECEIVERS, TUNER AND AMPS

Affordable Receiver With Auto-Magic® Fine-Tuning

159⁹⁵



- Clean, Attractive Styling
- Brushed Aluminum Front Panel
- 5-LED Signal Strength Meter
- Tape Monitor Circuitry
- Edge-Lit "Power-On" Button

Specifications

AMPLIFIER. Response: 15-25,000 Hz ± 1 dB. S/N: 81 dB phono, 85 dB aux. **Phono Overload:** 120 mV. **FM TUNER: Sensitivity (IHF):** 2.7 μ V (13.7 dBf). **Capture Ratio:** 2.0 dB. S/N: 78 dB. **Selectivity:** 60 dB. **Image Rejection:** 50 dB. **Stereo Harmonic Distortion:** 0.3%. **Separation (at 1 kHz):** 34 dB. **SIZE:** 5¹¹/₁₆ x 16⁷/₁₆ x 7⁷/₈"

14 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

Realistic STA-450. The craftsmanship, performance and looks you expect from Realistic at a remarkable price! It's a great start if you're putting together your first system. Exclusive Auto-Magic locks-in FM stations, and the phase-locked loop IC assures wide stereo channel separation. Features A/B/Both speaker-pair switching, separate bass, treble and balance controls, a loudness pushbutton for deep bass even at low volume, LED FM stereo indicator, stereo/mono switch. Walnut-grained vinyl veneer finish. U.L. listed. **31-2094** **159.95**

Personal-Size Receiver Fits Almost Anywhere

119⁹⁵



- Auto-Magic Fine-Tunes FM Stations Automatically
- FM-Stereo and Tuning LEDs
- Loudness Button for Deep Bass Response at Low Volume

Specifications

AMPLIFIER. Response: 40-20,000 Hz ± 1 dB. S/N: 70 dB phono, 72 dB aux. **FM TUNER: Sensitivity (IHF):** 7.0 μ V (22.3 dBf). **Capture Ratio:** 3.0 dB. S/N: 60 dB. **Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 1.0%. **Separation (at 1 kHz):** 35 dB. **SIZE:** 2⁵/₈ x 10³/₈ x 6³/₄"

5 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.9% TOTAL HARMONIC DISTORTION

Realistic STA-12. Don't be fooled by its small size—it's a solid performer that delivers superb sound! Use the STA-12 to power a small system in dorm or office, or a second system in your den or shop—it's even at home on a desktop. Easy-to-read tuning dial with LED frequency pointer, pushbuttons for EQ and power, separate balance and volume controls, stereo headphone jack, function switch for FM mono, FM stereo, AM, phono and tape. Unique "BTL" switch boosts output power to 10 watts in mono mode for use as a space-efficient background system. U.L. listed. **31-1965** **119.95**

Matching Stereo Mini Tuner and Amplifier



NEW FOR '85

59⁹⁵ Each

- Slim-Line Styling
- Use Them Together Or With Other Components
- Attractive Aluminum Front Panels

Realistic TM-150 AM/FM Stereo Tuner. Even at this low price, you get phase-locked loop circuitry for superb stereo, mono switch, a ceramic filter to sharpen FM reception, FM-stereo LED and a lighted dial. AM antenna, terminals for external FM antenna. 2¹/₂ x 9 x 6". U.L. listed. **31-1956** **59.95**

Realistic SA-150 Stereo Amplifier. Use with a tuner, tape deck or phono. Mono/stereo button, tone control, 1/4" headphone jack. 2¹/₂ x 9 x 6". U.L. listed. **31-1955** **59.95**

Stereo Micro Amplifier



29⁹⁵

Inputs for Adding Ceramic Phono, Tuner or Tape Deck

Realistic SA-10. Enjoy good sound with this space-saving bargain-priced amplifier. Features stereo/mono button, separate right and left-channel volume controls, tone control. 3¹/₄ x 7⁷/₈ x 5¹/₂". U.L. listed. **31-1982** **29.95**

SAVE SPACE AND MONEY ON THESE SYSTEMS



Only \$26 Per Month On CitiLine Credit

Save \$30⁸⁰

**SYSTEM
249⁰⁰**

Reg. Separate Items 279.80

- Realistic STA-450 Stereo Receiver
- Two Minimus-25 Speaker Systems
- LAB-90 Turntable With Solid-State Stereo Cartridge and Dust Cover



Only \$26 Per Month On CitiLine Credit

Save \$34⁸⁰

**SYSTEM
285⁰⁰**

Reg. Separate Items 319.80

- Realistic STA-450 Stereo Receiver
- Two MC-600 Speaker Systems
- LAB-85 Belt-Drive Changer With Moving-Magnet Cartridge



Only \$28 Per Month On CitiLine Credit

Save \$40⁷⁵

**SYSTEM
389⁰⁰**

Reg. Separate Items 429.75

- Realistic STA-450 Stereo Receiver
- Two Minimus-7W Speaker Systems
- LAB-310 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge
- SCT-34 Stereo Cassette Deck



Save \$14⁹⁰

**SYSTEM
125⁰⁰**

Reg. Separate Items 139.90

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Minimus-3.5 Shelf Speaker System



Save \$20⁸⁰

**SYSTEM
199⁰⁰**

Reg. Separate Items 219.80

- Realistic STA-12 Stereo Receiver
- Two Minimus-18 Speaker Systems
- LAB-90 Turntable With Solid-State Stereo Cartridge and Dust Cover



Only \$26 Per Month On CitiLine Credit

Save \$30⁸⁰

**SYSTEM
269⁰⁰**

Reg. Separate Items 299.80

- Realistic STA-12 Stereo Receiver
- Two Minimus-7 Die-Cast Speakers
- LAB-85 Belt-Drive Changer With Moving-Magnet Cartridge



Save \$14⁷⁵

**SYSTEM
149⁰⁰**

Reg. Separate Items 163.75

- Realistic SA-10 Stereo Micro Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-0.3 Cube Speakers With Genuine Walnut Veneer
- SCP-30 Stereo Cassette Playback Deck



Save \$18⁷⁵

**SYSTEM
195⁰⁰**

Reg. Separate Items 213.75

- Realistic SA-150 Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-17 Walnut Cube Speakers
- SCP-30 Stereo Cassette Playback Deck



Save \$24⁷⁵

**SYSTEM
215⁰⁰**

Reg. Separate Items 239.75

- Realistic SA-150 Stereo Amplifier
- Realistic TM-150 AM/FM Stereo Tuner
- Two Minimus-25 Speaker Systems
- LAB-90 Turntable With Solid-State Stereo Cartridge and Dust Cover

Convenient Charge and Time-Pay Plans Available at Most Radio Shack Stores

REALISTIC® HIGH-TECH AUTOMATIC TURNTABLES

**Our Finest! Computer-Controlled
Linear-Tracking Direct Drive**



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge

NEW LOW
PRICE!

199⁹⁵

Was \$219.95
in 1984 Catalog

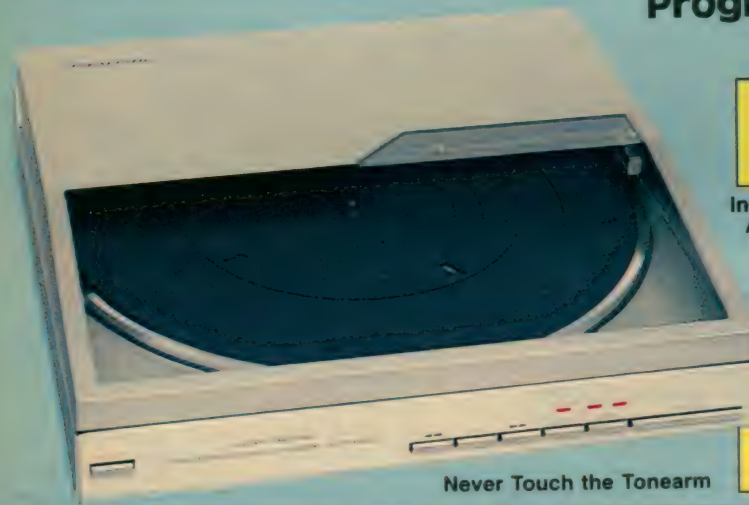
USE YOUR



- Straight-Line Tonearm With Zero Tracking Error
- Bidirectional Search Buttons

Realistic LAB-2100. Built-in microprocessor monitors the low-mass tonearm and keeps the stylus at the proper angle to the groove—you get superior sound and longer record life. With soft-touch controls you never need to touch the tonearm. Features countersunk neon strobe with pitch control, repeat button, LED indicators for disc size/speed/repeat/power-on. Rumble: -75 dB. Wow and flutter: less than 0.025%. 4 1/2 x 13 3/4 x 15". U.L. listed. 42-2911 199.95

Programmable Linear-Tracking Belt-Drive With Cover-Mounted Tonearm



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge

159⁹⁵

USE YOUR



- Non-Contact, Photo-Sensing Size Finder Automatically Detects Diameter of Disc
- Repeat One Side of a Record—Or Your Favorite Cuts—Up to 16 Times

Realistic LAB-1500. The latest in audio technology packed into a space hardly larger than an LP itself. Logic-controlled linear tracking, straight-line tonearm for exceptionally accurate sound reproduction. Tracking distortion is actually reduced to the vanishing point! "Search" push-buttons control the tonearm movement. LED repeat indicator. Rumble: -70 dB. Wow and flutter: 0.045%. 3 5/8 x 12 5/8 x 12 5/8". U.L. listed. 42-2909 159.95

High-Performance Direct-Drive With Easy-to-Use Front-Access Controls



NEW
FOR '85

129⁹⁵

USE YOUR



Includes \$29.95
Realistic/Shure
Moving-Magnet
Cartridge

- Neutral Speed Makes Cut-Cueing Easy
- Neon Strobe With Adjustable Pitch
- Anti-Skate Control

Realistic LAB-430. Pro-quality features and sound at a great price! With damped cueing to set tonearm gently on records, automatic arm return and shutoff, 33/45-rpm selector and anti-static mat. Rumble: -70 dB. Wow and flutter: less than 0.05%. 5 1/8 x 15 x 13 3/8". U.L. listed. 42-2914 129.95

All Realistic Turntables and Changers Include Base, Dust Cover and Cartridge—No Extras to Buy

HIGH-PERFORMANCE TURNTABLES AND CHANGERS

Belt-Drive—Our Low-Priced, Easy-to-Use Automatic Turntable

**NEW '85
FOR**

99⁹⁵

USE YOUR



Includes \$19.95
Realistic/Shure
Moving-Magnet
Cartridge

- Precision-Tracking Straight-Line Tonearm
- Convenient Front-Access Controls

Realistic LAB-310. Superior performance and sound reproduction at an affordable price. Belt drive absorbs vibrations, so you hear only the music. Features damped cue/pause, adjustable tracking and anti-skate to minimize record wear. Auto arm return and shut-off. Rumble: -64 dB. Wow and flutter: less than 0.07%. 4 1/2 x 13 3/4 x 14 1/4". U.L. listed. 42-2913 99.95



Micro-Turntable Plays Albums and 45s, Fits Nearly Anywhere

59⁹⁵

Includes Solid-State
Cartridge* With
Diamond Stylus

- Ideal for Use With Portable Stereos
- Auto-Return, Straight-Line Tonearm

Realistic LAB-90. Our budget-priced, compact manual turntable is the perfect choice for mini stereo systems and small spaces. Plays 7, 10 and 12" records. Cueing lever raises and lowers tonearm—helps prevent stylus or disc damage. 5 3/8 x 11 7/8 x 10 1/4". U.L. listed. 42-2983 59.95



* Requires magnetic phono input

Belt-Drive Automatic Changer—For Extended Listening

**NEW '85
FOR**

79⁹⁵

- Auto-Glide Spindle Lets You Stack Up to Four Records
- Automatic Arm Return ■ Auto Shutoff

Realistic LAB-85. Upgrade your system the inexpensive way with this quality record changer. Features belt-drive system for quiet, dependable operation of the electronically controlled DC motor, straight-line factory-balanced tonearm, cue lever for manual control. Plays 7, 10 and 12-inch records. 5 5/8 x 15 x 13 1/8". U.L. listed. 42-2984 79.95



Includes
Magnetic
Cartridge



Value-Priced Belt-Drive Automatic Changer

**NEW '85
FOR**

69⁹⁵

Includes Ceramic
Cartridge With
Diamond Stylus

- Spindle Lets You Stack Up to Four Records
- Cue Lever for Manual Control of Tonearm

Realistic LAB-79. Ideal for starter systems, or second systems in bedroom or den. Dependable belt-drive operation and a factory-balanced straight-line tonearm. Plays 7, 10 and 12-inch records. 5 5/8 x 15 x 13 1/8". 42-2985 69.95



Turntables and Changers on These Two Pages Operate at 33 1/3 and 45-RPM Speeds—45-RPM Spindle Adapter Included

STEP UP TO REALISTIC'S FINEST SPEAKER SYSTEMS

Digital-Ready Mach Two™ 3-Way Liquid-Cooled System

NEW '85
FOR



219⁹⁵ Each

USE YOUR



- High-Compliance 15" Woofer for Bass You Can Feel
- 5" Dynamic Midrange ■ 4" Dual Radial Super Horn Tweeter for Highs to 40,000 Hz
- Output Level Controls for Midrange and Tweeter
- Genuine Oiled Walnut Veneer ■ Removable Grille

Realistic Mach Two. High-efficiency design combines with high power handling to make this the perfect choice for the digital audio age. The huge woofer and tuned-port enclosure produce wall-shaking bass. Middle-frequency response is exceptionally smooth and lifelike. Wide-dispersion horn tweeter delivers clean, detailed highs for extraordinary stereo depth and realism. Space-age ferro-fluid draws heat away from tweeter and midrange voice coils to prevent distortion or burnout and increase power handling capability. 40-4032 219.95

SPECIFICATIONS. Response: 25-40,000 Hz. Power Handling Capacity: 160 watts. Sensitivity: 94 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 27⁹/₁₆ x 17³/₄ x 11³/₁₆".

3-Way System With Leaf Super Tweeter



NEW '85
FOR

199⁹⁵ Each

USE YOUR



- 12" Woofer ■ Tuned-Port Enclosure
- 5" High-Compliance Midrange Driver
- Genuine Oiled Walnut Veneer

Realistic Optimus®-400. Revolutionary leaf super-tweeter extends highs to 40,000 Hz for musical detail that takes on a remarkable crispness and vitality. The midrange and powerful woofer fill out the audio spectrum for an overall smooth, natural sound. Variable level controls for midrange and high-frequency output. Removable cloth grille. 40-2048 199.95

SPECIFICATIONS. Response: 40-40,000 Hz. Power Handling Capacity: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 26³/₄ x 14³/₈ x 11³/₈".

5-Year Limited Warranty

Realistic MC series, Nova, Minimus, Optimus and Mach One/Two speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with equipment delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal source material.

OPTIMUS SPEAKERS—POPULAR AND AFFORDABLE

3-Way System With Open-Back Midrange



159⁹⁵
Each

USE YOUR



- 12" Woofer
- Tuned Bass Port
- 4" Midrange
- 2½" Liquid Cooled Tweeter
- Walnut Veneer

Realistic Optimus-50. This high-performance system features a front and rear-projecting midrange speaker. Sound reflected off wall behind cabinet radiates back into the listening area for a broad, spacious quality that dramatically enhances the stereo effect. Tuned port extends bass response, tweeter adds superb highs. Midrange and treble controls. 40-2041 159.95

SPECIFICATIONS. Response: 50-20,000 Hz. Power Handling Capacity: 75 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 25 x 14 x 10".

Walnut Veneer Bass Reflex System



NEW FOR '85



139⁹⁵
Each

- 10" Woofer
- 4" Midrange
- 2½" Tweeter

Realistic Optimus-45. Woofer and tuned port for solid bass. Edgeless cone tweeter is liquid cooled. Midrange and high-frequency controls. Cloth grille. 40-4033 ... 139.95

SPECIFICATIONS. Response: 50-20,000 Hz. Power Cap: 70W. Sensitivity: 91 dB (SPL at 1W/1M). Imp: 8 ohms. 23 7/8 x 13 x 10 3/16".

Hi-Efficiency 3-Way Tower System in Walnut Veneer



179⁹⁵
Each

USE YOUR



- Superb Sound From a Space-Saving Design
- 10" Long-Throw Woofer ■ 5" Midrange
- 1" Liquid-Cooled Dome Tweeter

Realistic Optimus T-120. A remarkable combination of stunning looks and audio technology. Vertical design saves floor space, too. Tuned-port enclosure helps produce deep, accurate bass. Dome tweeter is ferrofluid cooled to increase power handling capability, and pours out clean, crisp highs. Removable cloth grille allows access to variable midrange and tweeter output controls—use them to adjust sound to suit the acoustics of your room. Hand-oiled wood finish and rounded corners make the T-120 a real eye-catcher. 40-2047 179.95

SPECIFICATIONS. Response: 50-20,000 Hz. Power Handling Capacity: 80 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 35 1/2 x 12 1/2 x 11 1/2".

2-WAY SPEAKER SYSTEMS FOR EVERY BUDGET



Tuned-Port System for Improved Bass Response

99⁹⁵
Each



- 10" High-Compliance Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer

Realistic Optimus-30. Efficient bass-reflex design gives you excellent low-end response. Mesh-protected tweeter delivers crystal-clear highs. Response: 55-20,000 Hz. Power handling capacity: 70 watts. Removable cloth grille. Recessed color-coded spring terminals. 22 7/8 x 12 1/4 x 8 5/8". 40-2043 99.95



Bass-Reflex With 8" Long-Throw Woofer

NEW '85 **79⁹⁵**
Each

- Tuned-Port Enclosure
- 2 1/2" Extended-Range Tweeter
- Genuine Walnut Veneer

Realistic Nova®-15. Smart looks, efficient design and a great buy! Foam-surround woofer pumps out solid bass. Dynamic cone tweeter for clean highs. Response: 60-20,000 Hz. Power capacity: 60 watts. Removable cloth grille. Spring terminals. 19 x 10 3/4 x 7 1/2". 40-4034 79.95



Bass-Reflex System With Polypropylene Woofer

69⁹⁵
Each

- 8" Woofer ■ Tuned Port
- 2 1/2" Dynamic Tweeter
- Genuine Walnut Veneer

Realistic MC-1600. A hard-to-beat value! Rigid, polypropylene woofer produces incredibly smooth, well-defined bass. Response: 60-20,000 Hz. Power handling capacity: 55 watts. Removable cloth grille. Spring terminals. 18 x 11 1/2 x 6 3/4". 40-1989 69.95



Acoustic-Suspension Speaker System

59⁹⁵
Each

- 8" Long-Throw Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer

Realistic MC-1201. Perfect as extensions. Woofer has a 25-square-inch radiating area for clean, solid bass. Response: 85-17,000 Hz. Power handling capacity: 50 watts. Removable cloth grille. Recessed phono jack and screw terminals. 17 3/4 x 10 5/8 x 7 1/2". 40-1990 59.95

Bookshelf-Sized System With 6 1/2" Woofer

39⁹⁵
Each

- Efficient Long-Throw Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer Finish

Realistic MC-600. Small enough for placement on most shelves, yet this 2-way acoustic-suspension system delivers remarkably smooth, wide frequency response: 100-18,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Recessed phono jack and screw terminals. 13 1/2 x 8 7/8 x 5 1/4". 40-1979 39.95



Space-Efficient System in Oiled Walnut

NEW '85 **29⁹⁵**
Each

- 5" Long-Throw Woofer
- 2 1/2" Wide-Dispersion Dynamic Tweeter

Realistic Minimus®-25. This surprising little sealed-enclosure speaker provides good bass and clean highs. Response: 90-20,000 Hz. Power handling capacity: 40 watts. Removable cloth grille. Spring terminals. 11 x 6 1/16 x 4 5/16". 40-223 . . . 29.95



AMAZING MINIMUS[®] SPEAKERS—BIG FAVORITES

Our Famous Minimus-7, the Speaker Praised by Stereo Review. . .

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good . . . power handling above average . . . a good buy."*

NEW LOW PRICE!

49⁹⁵
Each

- Long-Excursion 4" Woofer
- 1" Soft-Dome Tweeter
- Choice of Die-Cast Metal Or Real Wood Enclosure

Was \$59.95 in 1984 Catalog

A Realistic Minimus-7W. Same design as our original Minimus-7, but with genuine oiled walnut finish. Cloth grille is removable. 8 x 5 x 4". 40-2039 . . . 49.95

B/C Realistic Minimus-7. Less than 8" high, yet delivers excellent bass and dazzling highs! Hanger slots and recessed spring terminals for wall mounting. 40 watts. 7 1/16 x 4 7/16 x 4 5/16". Black 40-2030/Silver 40-2034 49.95
Mounting Brackets. 40-2031 . . . Pair 14.95



*Quotes excerpted with permission from STEREO REVIEW, Aug. 1979 article "Nineteen Minispeakers". Ziff-Davis Publishing Co. All rights reserved.

Die-Cast Speaker System With Polypropylene Woofer

79⁹⁵
Each

- 5" Woofer
- 2" Horn-Loaded Dynamic Tweeter

Realistic Minimus-12. Woofer and tweeter are acoustically aligned for lifelike, detailed sound with exceptionally smooth bass. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Has handy spring terminals. 10 9/16 x 6 5/16 x 6 5/16". 40-2046 . . . 79.95

Big-Sounding Mini-Speaker for Your Home or Car

19⁹⁵
Each

- Extraordinary 3" Speaker
- Steel Grille
- Just 5 5/8" High

Realistic Minimus-3.5. Puts big sound in the smallest places! Has high-density molded enclosure. Handy spring terminals. 5 3/4 x 3 5/8 x 3 1/8". 40-1996 . . . 19.95
Mounting Brackets. 40-1997 . . . Pair 9.95



Amplified Mini-Speakers for Personal Stereos

NEW FOR '85



Carry Case, Strap and Cables Included

49⁹⁵
Pair



Realistic Minimus-0.6. Turn your personal stereo into a portable entertainment system! Molded enclosures are only 5 5/8" high, yet the 2 1/2" powered speakers deliver 150-15,000 Hz sound. LED "on" indicator, automatic power-off. Requires eight "C" batteries. 40-1259 . . . Pair 49.95

Mini Extension Speakers



NEW FOR '85

D 12⁹⁵ Each
E 19⁹⁵ Each
F 14⁹⁵ Each

D Minimus-3. 5" driver, walnut vinyl veneer. 7 watts. 10 x 8 1/2 x 5 1/2". 40-913 . . . 12.95
E Minimus-18. 4" driver, walnut vinyl veneer. 10 watts. 9 7/16 x 5 3/4 x 4 3/4". 40-222 . . . 19.95
F Minimus-0.5. Metal frame, walnut vinyl. 10 W. 6 5/8 x 4 7/8 x 4 1/8". 40-1995 . . . 14.95

Walnut Veneer Cube Speakers



G 11⁹⁵ Each

H 21⁹⁵ Each

G Minimus-0.3. Great extension for personal stereos. 3" driver. 7 watts. 4 x 4 x 3 3/8". 40-1250 . . . 11.95
H Minimus-17. Sealed walnut veneer enclosure with 5" driver. 15 watts. 6 1/2 x 6 1/2 x 6". 40-225 . . . 21.95

Super-Tweeters Add Brilliance To Any Speaker System



J 17⁹⁵ Each

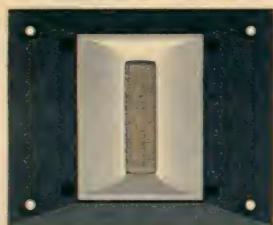
K 12⁹⁵ Each

J Dynamic. Extends response to 40,000 Hz! Mounts in or outside of enclosure. Power capacity: 50 watts. 40-1310 . . . 17.95
K Piezo. Burnout-proof! Extends response to 27,000 Hz. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 75 watts. Easy parallel hookup. 40-1380 . . . 12.95

Charge It! Radio Shack/CitiLine, American Express, MasterCard and Visa Honored at Most Stores

TWEETER & MIDRANGE REPLACEMENT SPEAKERS

Leaf Super-Tweeter



14⁹⁵ Ultra-Wide
5-50 kHz
Response

Advanced design for exceptionally detailed highs to an incredible 50,000 Hz! Wide dispersion for brilliant sound throughout the listening area. Power handling capacity: 30 watts. SPL: 91 dB (1W/1M). 9.5-oz. magnet. 8 ohms.

40-1375 14.95

Midrange Speakers



9⁹⁵

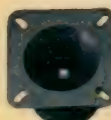
D 3" Dynamic Midrange/Tweeter. Add to any woofer for a 2-way system with great mids and highs. 30 watts. Response: 700-20,000 Hz. SPL: 89 dB (1W/1M). 3-oz. magnet. 8 ohms. 40-1289 9.95



14⁹⁵

E Wide-Dispersion Soft-Dome Midrange. 70 watts. Response: 1.5-10 kHz. SPL: 86 dB (1W/1M). 10.8-oz. magnet. 8 ohms. 40-1281 14.95

Dynamic Tweeter Horns



7⁹⁵

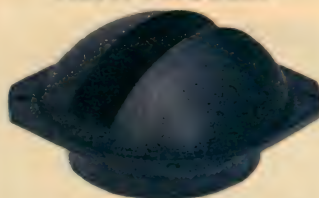


11⁹⁵

Wide, controlled dispersion. Ideal where high sound levels are desired. 8 ohms.

Fig.	Type	Cap. in W	F ₀ (Hz)	Range Eff. (kHz)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)	Cat. No.	Each
K	2 1/4" Radial	50	2500	6-16	98	2.75	40-1278	7.95
L	2x6"	30	1500	5-17	96	2.75	40-1226	11.95

Dual Radial Super Horn Tweeter



12⁹⁵ NEW '85 FOR

Specially Designed for Wide Dispersion of Highs

High-tech design for an extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 dB (1W/1M). 2-oz. magnet. 8 ohms. 40-1377 .. 12.95

Dual-Element Piezo Line Source Tweeter



Controlled Dispersion

9⁹⁵ NEW '85 FOR

Less Than 3/4" Deep—Fits Behind Most Grille Panels

Wide 90° horizontal pattern, narrow 30° vertical pattern—ideal for vertical speaker arrays. Solid state, no magnet or voice coil. 75 watts. 4-30 kHz. SPL: 94 dB (1W/1M). 40-1385 9.95

Dynamic Cone Drivers



1 3/4" Tweeter

5⁹⁵



Ferrofluid-Cooled 4" Midrange

9⁹⁵

Enjoy extended high and mid-frequency response with these drivers. Capacity, 50 watts. 8 ohms.

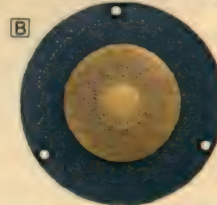
Fig.	F ₀ (Hz)	Eff. Range (kHz)	SPL 1W/1M	Mag. Wt. (Oz.)	Cat. No.	Each
M	1700	5-20	91	2	40-1270	5.95
N	550	1.5-11	92	2.8	40-1282	9.95

Low-Cost, Wide-Dispersion Dome Tweeters



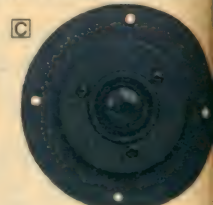
Polycarbonate Hard Dome

7⁹⁵



Polypropylene Dome

9⁹⁵



Mylar Dome

9⁹⁵

These lightweight tweeters react quickly to input for excellent transient response and detailed stereo imaging without "beaming". 8 ohms.

Fig.	Size	Cap. in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Mag. Wt. (Oz.)	Cat. No.	Each
A	3/4"	40	3-30	91	0.6	40-1376	7.95
B	1"	40	3-20	91	4.3	40-1374	9.95
C	1"	40	6-20	87	5.4	40-1276	9.95

Solid-State Piezo Tweeters for High-Output Applications



Low As

4⁹⁵

Easy Parallel Hookup—No Crossover Required

Improve your speaker system with crisp, clean highs and superb fidelity. These tweeters use a ceramic driver element in place of a voice coil and magnet for lower mass and higher efficiency. Enjoy clearer highs without "ringing". 8 ohms.

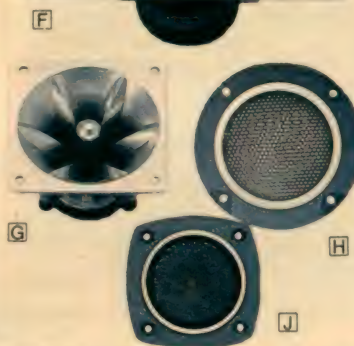


Fig.	Type	Cap. in W	Eff. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
F	2 x 6" Horn	75	2-25	94	40-1379	14.95
G	3.5" Super Horn	75	5-25	95	40-1381	12.95
H	3.75" w/Dome	75	4-20	91	40-1382	8.95
J	2" for Home/Car	75	5-25	93	40-1383	4.95

Universal Three-Way Crossover



Was \$17.95 in 1984 Catalog

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. 6 dB/octave. 100 W. 40-1299 .. 14.95

Universal Two-Way Crossover



Was \$9.95 in 1984 Catalog

2000 Hz, 2500 Hz, 4000 Hz. 6 dB/octave. 100 W. 40-1296 7.95

Tweeter Protectors

Stop Burnouts

4⁹⁹
Pair



Prevents tweeter overload, increases power rating. For 2 or 3-way systems. Easy hookup. 40-301 Pair 4.99

Speaker Enclosure Builder's Manual



4⁹⁵

Everything You Needed to Know

Speaker theory, sealed and ported enclosures, PA, testing, more. 62-2309 4.95

SPEAKERS FOR CUSTOM SYSTEMS AND UPGRADING

Long-Throw 4" Woofer



9⁹⁵

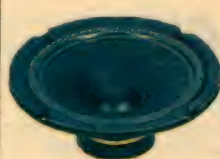
For Car
Or Home

Great Sound for Small Places

Long-throw design allows maximum cone movement for solid bass from this compact speaker. Color-coded terminals. 8 ohms. **40-1022** **9.95**

Cap. in W	Eff. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
10	55-5000	55	.35	23	84	8

6 1/2" Polypropylene Long-Throw Woofer



NEW FOR '85

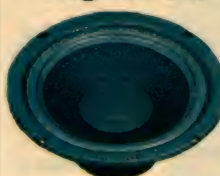
15⁹⁵

For Clean Mid-Bass Transients

Ideal size for bookshelf-size systems. Cone material provides smooth sound without "breakup" and resists extremes of moisture and dryness. 8 ohms. **40-1011** **15.95**

Power Cap. (watts)	Eff. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Magnet Wt. (oz.)
50	50-6000	50	60	2.6	89	10

8" Foam-Surround Long-Throw Woofers



19⁹⁵

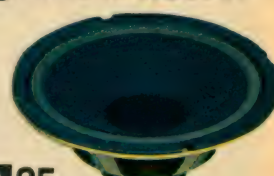
Each

Rigid paper cone and powerful magnet for clean, "gutsy" bass. With mounting gaskets. 8 ohms. **40-1006** **19.95**

Polypropylene cone. Extended bass. 8 ohms. **40-1021** **19.95**

Cap. in W	Eff. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
50	43-3000	43	.46	2.15	82	16
50	30-3000	30	.41	2.55	89	10

10" Foam-Surround Long-Throw Woofer



24⁹⁵

This reliable driver provides a solid "bottom" to your system's sound. High-temperature voice coil resists burnout. Mounting gaskets included 8 ohms. **40-1331** **24.95**

Cap. in W	Eff. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Mag. Wt. (oz.)
50	40-4000	40	.93	4.3	91	9

12" Polypropylene Woofer for Superb Bass Response



29⁹⁵

Moves Large
Volumes of Air for
Bass You Can Feel!

Light, rigid cone is designed to deliver exceptional low-frequency smoothness. 8 ohms. **40-1023** **29.95**

Power Cap. (watts)	Eff. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (ft. ³)	SPL 1W/1M (dB)	Magnet Wt. In Oz.
50	20-2000	20	.76	12	89	16

15" Musical Instrument Speaker for High-Power Use



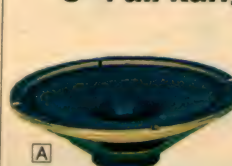
39⁹⁵

Heat-Proofed to
Resist Fracture
And Burnout

Favorite of demanding musicians everywhere! Designed for heavy-duty use. 8 ohms. **40-1315** **39.95**

Power Cap. In Watts	F ₀ (Hz)	Response (Hz)	Magnet (oz.)	SPL (dB)
100	62	62-3000	34.25	91.5

8" Full-Range Speakers



A



B

Low
As

5⁹⁵

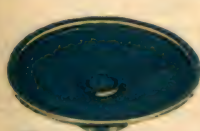
15⁹⁵

With Whizzer

Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms.

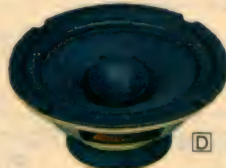
Fig.	Cap. in Watts	Eff. Range (Hz)	F ₀ (Hz)	SPL 1W/1M (dB)	Mag. Wt. Oz.	Cat. No.	Each
A	10	75-25K	75	88	2.8	40-1271	5.95
—	10	90-20K	90	87	5.3	40-1272	7.95
B	30	57-16K	57	93	9.4	40-1286	15.95

Wide-Range Speakers



C

Low As
1⁸⁹



D

Low As
5⁹⁵

For all kinds of new or replacement use. 8 ohms.

Fig.	Size	Power Cap. (watts)	Eff. Range (Hz)	Magnet Wt. In Oz.	Cat. No.	Each
C	3"	2.0	—	0.4	40-248	2.19
C	2 1/4"	0.5	—	0.4	40-246	1.89
C	2"	0.5	—	0.4	40-245	1.89
D	6" w/Whizzer	20	55-12K	9.8	40-1285	11.95
—	6"	5	90-12K	2.8	40-1242	5.95

Acoustic Insulation

2³⁹ For Custom Builders

Fiberglass insulation damps speaker enclosures. One square yard. **42-1082** **2.39**



Speaker Fuse Holder



NEW FOR '85

99^c

Protect your speaker from overloads. Includes instructions for determining the fuse value for any given speaker. **270-1210** **99c**

L-Pad Speaker Volume Control

Handles Up to
75 Watts

6⁹⁵

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. **40-977** **6.95**



Buy Now, Pay Later—Radio Shack/CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

ACCESSORIES FOR CUSTOM SPEAKER INSTALLATION

Convenient Stereo Speaker Switch Box



12⁹⁵

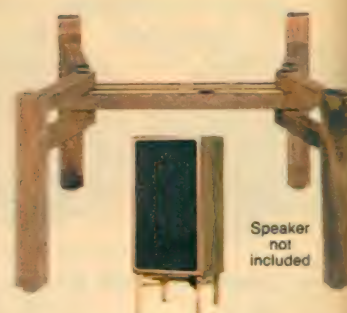
Handles
Up to Six
Speakers

Control your living room, bedroom and outdoor speakers from one central location. Select simultaneous or individual use of three pairs of stereo speakers. Rated at 10 watts rms. Sturdy molded case. 2 1/8 x 6 x 3 1/4". 40-125 12.95

Adjustable Wood Speaker Stands

24⁹⁵
Pair

Lifts speakers seven inches off the floor and properly angles them for a dramatic improvement in sound. Decoupling your speakers from the floor reduces "boominess". Pitched-back angle provides a better phase relationship between speaker elements for more detailed and open mid-range. 40-1253 Pair, 24.95



Beautiful Stained Walnut

Speaker Selector Switch



5⁹⁵

Handles Four Speakers

Control two pairs of stereo speakers. Select pair one, pair two or both. Non-shorting switch is enclosed in metal case with pre-drilled tabs. With mounting hardware. 40-130 5.95

Stereo Volume Controls



9⁹⁵
75 Watt



6⁹⁵
25 Watt

Control the volume of two 8-ohm speakers. Easy to install in standard electrical wall-box or cut-out. With complete instructions.

75-Watt. 40-978 9.95
25-Watt. 40-979 6.95

Mono Volume Controls



6⁹⁵ 75 Watt



4⁴⁹ 25 Watt

Control the volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure. With complete instructions.

75-Watt. 40-977 6.95
25-Watt. 40-980 4.49

Foam Speaker Grille



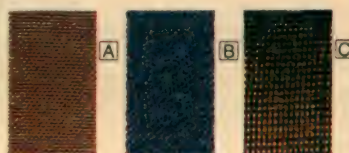
NEW LOW
PRICE!

6⁹⁵ Each
Was \$7.95 in
1984 Cat.

Acoustically transparent. Includes hook-and-loop fasteners for easy, stick-on mounting. 17 x 23 1/2 x 3/4".

Brown.
40-1946 6.95
Black.
40-1951 6.95

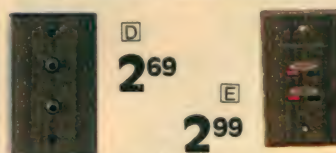
Speaker Grille Cloth



Color-fast fabrics resist sagging, shrinking and fading. Acoustically transparent.

Fig	Description	Size	Cat. No	Each
A	Deluxe Brown	36 x 34"	40-1936	6.99
B	Deluxe Black	36 x 34"	40-1935	6.99
C	Basket Weave	36 x 32"	40-1949	5.99

Speaker Wall Jacks



Fit in
Standard Wall-Box

D Hook up stereo speakers anywhere. Includes two phono plugs. 40-981 2.69

E Spring-loaded, color-coded terminals. With mounting hardware. 40-975 2.99

Metal Wall Brackets

2⁹⁵
Pair



Each Supports Up to 50 Lbs.

Wall-mount speakers, yet keep the brackets hidden from view. With screws for hardwood mounting of two speakers. 40-150 .. Pair, 2.95

Lug-to-Lug Cables For Speakers



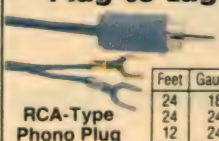
Low As
1⁵⁹

Color-Coded
For Easy
Hookup

Solderless! Perfect for use with extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	3.99
24	24	42-2446	2.09
12	24	42-2447	1.59

Plug-to-Lug Cables

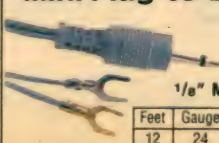


Low As
2¹⁹

RCA-Type
Phono Plug

Feet	Gauge	Cat. No.	Each
24	18	42-2452	4.29
24	24	42-2450	2.29
12	24	42-2449	2.19

Mini Plug-to-Lug Cable



2¹⁹

1/8" Mini Phone Plug

Feet	Gauge	Cat. No.	Each
12	24	42-2454	2.19

Phono Plug Cables

Low As
2⁶⁹

RCA-Type Plugs
At Each End



Put Speakers Anywhere!

Feet	Color	Gauge	Cat. No	Each
50	Brown	18	42-2480	8.49
24	Brown	18	42-2478	4.69
12	Brown	18	42-2479	3.69
24	Gray	24	42-2392	3.19
24	White	24	42-2430	3.19
12	Gray	24	42-2445	2.69
12	White	24	42-2431	2.69

Speaker Cable With Pin Connectors

4⁶⁹



Top-quality, 24-foot 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminal connectors. Pins have color-coded molded finger grips.

42-2455 4.69

AUDIO CABLES AND ADAPTERS FOR EVERY NEED

Handy Gold-Plated Patch Cords

9⁹⁵

Approved
For Video

MF-200. Maximum fidelity, minimum loss—our best! 39" stereo cable with two low-capacitance, plated plugs at each end.
42-2601 9.95

Stereo Patch Cords

Low As 2⁹⁹

Length	Cat. No.	Each
36"	42-2351	2.99
72"	42-2352	3.99

Patch Cables

Low As
5⁹⁹

For adding tape decks, equalizers to your system. Four phono plugs at each end.
39", 42-2354 5.99
79", 42-2355 7.99

Audio Cable Set

3⁹⁹

■ 36" Long
■ Set of Four

Shielded to prevent "hum" pickup and signal loss. RCA-type phono plugs at each end.
42-2309 Set, 3.99

Patch Extension

NEW FOR '85

2⁹⁹

Lengthens patch cables for wider "reach" between stereo components. Two phono plugs to two phono jacks. 36" long.
42-2353 2.99

FM Dipole Antenna

2⁹⁹

Outperforms
Built-Ins

Superior to line-cord antennas. Spade lugs for easy hookup to receiver's antenna terminals. 300-ohms. 42-2385 2.99

Stereo Y-Adapter

5⁸⁹

Six-foot cable with 1/4" stereo plug at one end, two phono plugs at other. Lets you record from headphone jack.
42-2474 5.89

Stereo Y-Adapter

Low As
3⁹⁹

Connect portables to record from or play through a home hi-fi. 1/8" stereo plug to two phono plugs.
39", 42-2475 3.99
79", 42-2481 4.49

6-Ft. Dubbing Cords

2⁹⁹
Each

[A] Earphone jack to mike-input jack of second recorder. 1/8" phono plugs. 42-2152 .. 2.99
[B] Tape-out jack to mike input. 1/8" plug to phono plug.
42-2461 2.99

DIN Patch Cord

4⁹⁹

Six-foot shielded cable with 5-pin DIN male connectors on each end. Designed for use with European-type hi-fi equipment.
42-2151 4.99

Cables With Phono Connectors

Low As
1⁶⁹

Shielded to Prevent "Hum" Pickup

Fig.	Description	In.	Cat. No.	Each
1	Phono Jack to Phono Jack	72	42-2358	2.49
2	Phono Plug to Phono Jack	36	42-2361	2.29
2	Phono Plug to Phono Jack	72	42-2362	2.39
2	Phono Plug to Phono Jack	144	42-2363	3.19
3	Phono Plug to Phono Plug	18	42-2365	1.79
3	Phono Plug to Phono Plug	36	42-2366	1.89
3	Phono Plug to Phono Plug	72	42-2367	2.19
3	Phono Plug to Phono Plug	144	42-2368	3.09
4	Phono Plug to Stripped, Tinned Wire	36	42-2370	1.69
4	Phono Plug to Stripped, Tinned Wire	72	42-2371	1.89
4	Phono Plug to Stripped, Tinned Wire	144	42-2372	2.19

Cables With 1/4" Phone Plug

Low As
2⁸⁹

Shielded

Fig.	Description	In.	Cat. No.	Each
1	Phone Plug to Phono Jack	72	42-2377	2.89
2	Phone Plug to Inline Jack	144	42-2378	4.19
3	Phone Plug to Phone Plug	72	42-2381	3.29
4	Phone Plug to Phono Plug	72	42-2373	3.19
5	Phone Plug to 90° Phono Plug	72	42-2440	2.89
6	Phone Plug to Mini Plug	72	42-2433	2.89

Cables With 1/8" Mini Plugs

Low As
1⁹⁹

72" Shielded Cable

Fig.	Description	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	42-2472	3.19
3	Mini Phone Plug to Phono Plug	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	42-2157	2.89

Mike Cable and Y-Adapter

4⁹⁹

2⁹⁹

1. 25-Foot Shielded Mike Extension Cord. 1/4" jack at one end, 1/4" phono plug at the other.
42-2379 4.99
2. Y-Adapter. Plugs one mike into both channels of a stereo recorder. 1/4" jack to two 1/4" phono plugs.
42-2156 2.99

Coiled Guitar Cords

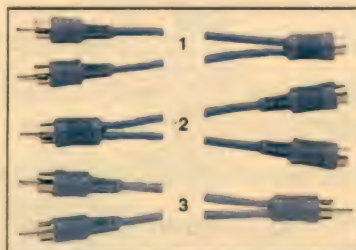
6⁹⁹

4⁹⁹

1. Three feet long, retracted. Extends to 15 feet. Straight 1/4" phone plug to 90° phone plug at other end.
42-2473 6.99
2. Three feet long, retracted. Extends to 12 feet. Right angle (90°) 1/4" phone plugs at each end. 42-978 4.99

Phono Plug Y-Adapters

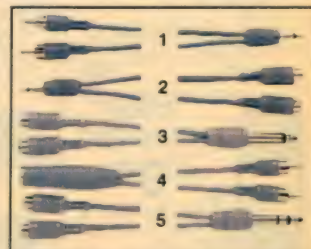
Low As
1⁹⁹



1. Two RCA-type phono plugs connected to one phono jack with 4" shielded cables. 42-2435 2.59
2. One phono plug connected to two phono jacks with 3" shielded cables. 42-2436 2.59
3. Two phono plugs connected to one phono plug with 4" shielded cables. 42-2438 1.99

Assorted Y-Adapters

Low As
1⁸⁹



1. Two RCA-type phono plugs to one 1/8" mini phone plug with 9" shielded cables. 42-2153 1.89
2. One 1/8" mini phone plug to two RCA-type phono jacks with 9" shielded cables. 42-2154 1.99
3. Two RCA-type phono jacks to one 1/4" phone plug with 5 3/4" shielded cables. 42-2150 2.29
4. Three-conductor (stereo) 1/4" phone jack connected to two RCA-type phono plugs. 42-2471 2.99
5. Two RCA-type phono jacks to three-conductor (stereo) 1/4" phone plug. 42-2477 2.59

Turn to Pages 30, 122 and 123 for an Even Wider Selection of Audio Adapters

REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Accuracy of RXT5, Our Finest!

NEW FOR '85

49⁹⁵

- Dynamic Stabilizer With Viscous Damping Assures Outstanding Sound—Even on Warped Records
- Universal Mount for Standard and P-Mount Tonearms

Upgrade your system with our top-of-the-line phono cartridge! Designed for superior performance in either pivotal or linear-tracking tonearms. Telescoping stylus provides unmatched trackability at an ultra-light 1.25 to 1.75 grams. Elliptical stylus (5 x 18 microns) for lowest distortion. Super-flat frequency response: 20-20,000 Hz. Wide stereo channel separation: at least 25 dB at 1 kHz. Conductive fibers neutralize static charges. Side-Guard system automatically deflects stylus to prevent damage. Complete with installation kit, screwdriver and stylus cleaning brush. 42-2785 49.95



High-Value Hi-Fi



Realistic/
Shure R25XT 19⁹⁵

Elliptical diamond (10 x 18 microns). 20-20,000 Hz. Tracks 2.5-3.5 grams. 42-2777 19.95

Wide Dynamic Range



Realistic/
Shure R47XT 29⁹⁵

Features of R25XT, plus 1.75-2.25 gram tracking. 20 dB separation. Elliptical diamond. 42-2778 .. 29.95

Ultra-Light Tracking



Realistic/
Shure R1000XT 39⁹⁵

20-20,000 Hz. High definition. Tracks at 1-1.5 grams. Elliptical diamond. 42-2779 39.95

Elliptical Diamond Styli for Realistic/Shure Cartridges



14⁹⁵

Replaces R25, Shure M71, M75ECS series. 42-2780 14.95



19⁹⁵

Replaces R47, Shure M70, M75 series. 42-2781 19.95



24⁹⁵

Replaces R27, Shure M73/75E series. 42-2782 24.95



27⁹⁵

Replaces R1000, Shure M90, M75 T-2 series. 42-2783 27.95

Realistic/Shure Elliptical Stylus

37⁹⁵

Replaces RXT4 and Shure M97ED. Dynamic stabilizer. 42-2784 37.95



Budget Cartridge



QLM30
MK III

12⁹⁵

Diamond conical stylus. 20-20,000 Hz. Tracks 3-5 grams. 42-2772 .. 12.95

Plug-In Cartridge

RX1500

29⁹⁵

1-1.5 grams for linear tracking turntables. Elliptical. 15-25,000 Hz. 42-2775 29.95

Protect Your Records With Diamond Replacement Styli

3⁹⁹
Each



Fig. Cat. No. Model Cartridge or Stylus No.

ASTATIC

A	42-2813	R-3	314, 420, 422, 424, 426
B	42-2817	RS-25	70, 74, 76, 80, 86 Stereo
C	42-2804	RS-67	140, 142 Stereo

BSR

D	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H SX-2H, C1
E	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
F	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
G	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21

ELECTRO-VOICE

H	42-2890	RS-109	168, 198, 199, 275, 277
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GENERAL ELECTRIC

J	42-2899	RS-161	C-660
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Sapphire Kiddie Needles

42-2750  Pkg. of 2 2²⁹

Fig. Cat. No. Model Cartridge or Stylus No.

TETRAD

K	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T5OHD
L	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
M	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T2OMD
N	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0/1/2/3, T3/30MD
O	42-2901	RS-204	T5OHD

VARCO

P	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
Q	42-2839	RS-141	TN4A, TN4B

ASTATIC

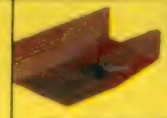
R	42-2900	RS-120	N-50/51/56/58/62/63/68 70/72/76
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ATN-771E
Stylus

9⁹⁵

For Audio-Technica AT-70, AT-71E. 1.5-2.5 g. 42-2774 9.95



RT1500
Stylus

19⁹⁵

For RX1500, AT102P, AT-102/112/122EP. 1-1.5 grams. 42-2776 19.95



RSK8C
Diamond

9⁹⁵

For QLM30 and ADC K series. Conical. 42-2771 9.95



RS50E
Elliptical

19⁹⁵

Use with ADC QLM34 MK III, P32, K5E. 42-2759 19.95

DAT-2 Stylus



Conical. For Pickering V15/AT-2, V15/AT-1, V15ATM, KLH, similar types. 42-2484 10.95



DATE 4

Elliptical. For Pickering V15/AC, V15/AT, ATE, AM, ATE-4, P/AC, P/AT, P/ATE, most Gerrard and Fisher models. 42-2485 18.95

RECORD CARE AND CLEANING ACCESSORIES

Deluxe Hydro-Stor Record Care System



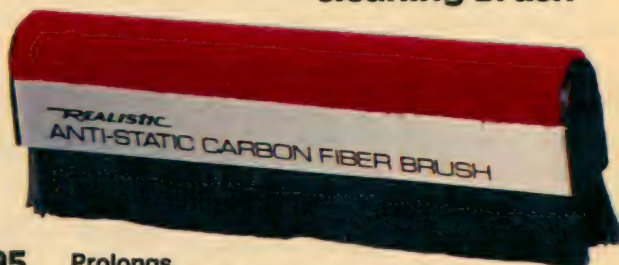
With Fluid

9⁹⁵

An exclusive fluid storage and distribution medium allows the perfect amount of vapor to penetrate the velvet-surfaced cleaner. Creates a field of humidity that reduces static charges while cleaning your records.

42-102 9.95

Anti-Static Carbon Fiber Record Cleaning Brush



4⁹⁵

Prolongs Record and Stylus Life

Removes surface dust the professional way—actually has over one million static-cutting fibers that thoroughly deep-clean your discs. With velvet cleaning handle. 42-112 4.95

Magnetic Cartridge Stereo Preamplifier



19⁹⁵

Matches Magnetic Cartridge to Aux/Ceramic Input

Lets you enjoy the superior sound of a magnetic cartridge with amplifiers having only ceramic phono or aux inputs. Wide stereo separation, low distortion, accurate RIAA equalization. 2 x 3⁵/₈ x 4³/₄" U.L. listed.

42-2101 19.95

Budget Hydro-Stor Cleaning System



4⁹⁵



Velvet-covered cleaner helps protect records. With fluid. Wood handle. 42-101 .. 4.95

Wet-Or-Dry Cleaner

2⁹⁹



Velvet-covered ionizer/cleaner removes dust and dirt, fights static. 42-130 2.99

Easy-to-Use Cleaner

2¹⁹



Our lowest priced way to protect and prolong record and stylus life. 42-135 2.19

Anti-Static Fluid



1⁹⁹

Controlled Flow Tip

Cleans records and styli. Useable with all fine cleaners. 4 oz. 42-105 ... 1.99

Low-Cost LP Spray Cleaner

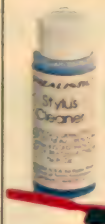


1⁴⁹

With Cloth

Sprays away record noise and wear. 42-2500 1.49

Stylus Cleaner

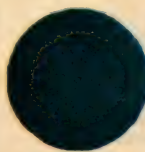


1⁷⁹

Includes Lint-Lift Brush

Removes harmful particles from stylus. 42-1074 1.79

Turntable Mat



3⁹⁵

■ Anti-Static
■ Anti-Resonant

Carbon impregnated foam cuts "crackle and pop." 42-362 ... 3.95

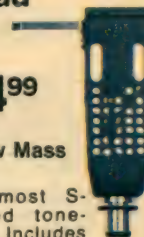
Glass Fiber Head Shell



5⁹⁹

Lightweight housing fits most straight-line tonearms. With mounting hardware. 42-2699 .. 5.99

Replacement Head



4⁹⁹

Low Mass

Fits most S-shaped tonearms. Includes mounting hardware. 42-2752 .. 4.99

Record Sleeves



2³⁹

Pack of 10

Protect your valuable records. Vinyl lined. Fit all 12" LPs. 42-132 2.39

40-LP Record Rack

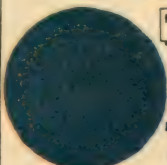


3⁵⁹

Get Organized

A good way to store and protect your album collection. 42-136 3.59

Foam Phono Cushions



NEW LOW PRICE!

Low As **79^c**

Anti-resonant support

Size	Cat. No.	Was	Each
10"	42-360	.99	.79
12"	42-361	1.39	.99

Clip-On Disc Brush



79^c

Fits onto tonearm and cleans records as they play. 42-1073 79c

45-RPM Adapters



A Manual. Fits over standard spindle. 42-120 49c

B Inserts. Snap into 45-RPM discs. 42-103 ... 40 for 1.09

45-RPM Auto Spindle



1⁷⁹

Fits most standard Realistic® and BSR changers. 42-3000 1.79

Now Over 6700 Radio Shack Stores and Dealers in the USA Alone—We're Near You

PORTABLE MELODY MAKERS FOR TAKE-ALONG FUN

Large, Easy-to-Play Piano-Style Keyboard and Six Preset Voices



NEW '85
FOR

99⁹⁵

USE YOUR



- Auto-Accompaniment Keys Play Chords and Bass in Time With Four Selectable Rhythms
- Slide Controls for Accompaniment Volume, Tempo Speed and Main Volume ■ Power-On LED

Realistic Concertmate®-400. Great family fun! Simulate the sound of a piano, electric piano, organ, oboe, clarinet or vibraphone. Add automatic chord, bass and rhythm accompaniment. Features a wide 44-key, 3 1/2-octave range. Plays through built-in speaker, stereo system, PA amp or headphones. Auto power-off function saves batteries. 1/8" headphone jack. Requires five "AA" batteries or AC or DC adapter. **42-4002** 99.95

Specifications

Keyboard: 44 keys, 3 1/2 octaves. **Preset sounds:** Piano, Organ, Oboe, Clarinet, Vibraphone. **Rhythms:** Rock, Swing, Bossa Nova, Waltz. **Chord:** 8-note polyphonic. **Size:** 2 x 25 9/16 x 5 1/2".



Portable With Programmable 100-Note Memory

49⁹⁵

- 5 Preset Voices and 10 Rhythm Accompaniments
- LCD Display With Numerical Readout of Notes Played

Realistic Concertmate-200. Create a melody, play it back automatically or with one-key manual playback, change tempo, add rhythm, even program your own musical voice. Plays through built-in speaker, stereo system or amp. Adjustable volume, rhythm/melody balance control. There's even a built-in calculator. Requires four "AA" batteries or AC adapter. **42-4001** 49.95

Specifications

Keyboard: 29 keys. **Preset Sounds:** Piano, Fantasy, Violin, Flute, Guitar. **Rhythms:** March, Waltz, Rock 1&2, 4-Beat, Swing, Bossa Nova, Samba, Rhumba, Beguine. **Pitch Shift:** ± 1/2 tone. **Octave Shift:** 3 Levels. **Size:** 1 1/8 x 11 3/4 x 3".

Realistic Audio Cabinets Organize Your System With Style

Deluxe Double-Wide Design



NEW '85
FOR

199⁹⁵

USE YOUR



- Five Adjustable Interior Component Shelves
- Twin Tempered Glass Doors ■ Lift-Lid Over Turntable
- Heavy-Duty Swivel Casters Allow for Easy Movement

Sturdy construction and handsome walnut-grained vinyl veneer finish make our top-of-the-line cabinet a real investment. There's enough room for five components, records, tapes and your audio accessories. And there's space on top for your VCR or additional component. A beautiful showcase that will adapt as your system changes. 28 1/4 x 41 1/2 x 18 1/2". Easy assembly. **42-3030** 199.95

Hickory-Grained Vertical Cabinets

NEW '85
FOR

69⁹⁵

NEW '85
FOR

119⁹⁵

USE YOUR



[A] Our lowest-priced, with four shelves and heavy-duty swivel casters. Vinyl veneer. 37 1/2 x 24 1/4 x 14 3/4". Easy assembly. **42-3028** 69.95

[B] Distinctive styling with the room and versatility your system needs. Three adjustable shelves, record storage area and metal supports, full-length tempered glass doors and top. Heavy-duty swivel casters. Easy assembly. Vinyl veneer. 37 1/2 x 21 1/4 x 17 1/4". **42-3029** 119.95

Now Over 6700 Radio Shack Locations in the USA Alone— We're Near You

TWELVE-BAND EQUALIZER WITH STEREO EXPANDER



**NEW '85
FOR**

119⁹⁵

USE YOUR



**Stereo Expander Creates a Dramatic
"Live" Sound Quality in Any Room**

- 24 Linear Sliding Boost/Cut Tone Controls
- Built-In Tape Control Center Provides Capability For Two-Way Dubbing, Tape Monitoring of Two Decks and Recording of Equalized Sound
- Linear Sliding Right/Left Output Level Controls
- Bypass Pushbutton Provides Instant Comparison Between Original and Equalized Sound

Our most versatile equalizer ever! It will dramatically improve the sound of your audio system, and make you a recording "pro". Narrow-band controls boost/cut response up to 12 dB at exact frequencies. Custom-tailor the sound of your system to match room acoustics, add "punch" to certain instruments or vocals, even reduce disc noise, turntable rumble and tape hiss electronically. Stereo expander enhances the stereo image. Power-on LED, expander volume control and lighted graphic display. U.L. listed. 31-2009 **119.95**

Specifications

Band Centers: 36, 63, 110, 190, 330, 580, 1000, 1700, 3000, 5200, 9000, 16,000 Hz. Response (flat setting): 5-100,000 Hz + 0.5 dB - 1 dB. Range: ± 12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: $2\frac{5}{8} \times 18\frac{3}{8} \times 7\frac{1}{8}$ "

Seven-Band Stereo Frequency Equalizer

**NEW '85
FOR**

59⁹⁵



- EQ Pushbutton Allows You to Record Equalized Sound
- Tape Monitor and Bypass Buttons

Precision audio control at a breakthrough price! Seven slide-action controls for each channel let you boost or cut frequency response up to 12 dB at precise frequencies. Make high-quality recordings using the EQ and monitor buttons. Bypass control lets you instantly compare original and equalized sound. Power-on LED indicator. U.L. listed. 31-1989 **59.95**

Specifications

Band Centers: 50, 150, 400, 1000, 2400, 6000, 15,000 Hz. Response (flat setting): 5-100,000 Hz + 0.5 dB - 1.0 dB. Range: ± 12 dB. Harmonic Distortion: 0.02%. Hum and Noise: -90 dB. Size: $4\frac{1}{2} \times 10\frac{1}{4} \times 6$ "

Dual-Range Audio Power Meter



**Helps
Protect
Speakers**

- 2-Watt and 200-Watt Ranges
- Fast-Response 15-LED Display

**NEW '85
FOR**

24⁹⁵

Continuously monitors output to speakers, helps prevent power overload. Features right and left channel indicators, slide switches for power and range. Spring-clip terminals. Connects to your system easily. $2 \times 5\frac{5}{8} \times 3\frac{5}{8}$ " 42-2107 **24.95**

Electronic Stereo Reverb System

**NEW '85
FOR**

59⁹⁵



Adds "Live" Quality and Dimension to Your Stereo System

Packed with "pro" features, including adjustable depth and delay, mike mixing input for great sing-along effects, reverb record and tape monitor. Reverb expander enhances spacial effect. $\frac{1}{4}$ " mike jack, power-on LED. $17\frac{7}{8} \times 8\frac{1}{8} \times 5\frac{3}{4}$ ". Aluminum front, simulated woodgrain sides. U.L. listed. 42-2108 **59.95**

FULL-SIZE HEADPHONES FOR DRAMATIC STEREO

- 15-30,000 Hz
- Less Than Eight Ounces



49⁹⁵

- 20-20,000 Hz
- Foam Earcushions
- Under 10 Ounces



39⁹⁵

NEW FOR '85

- 20-20,000 Hz
- Planar Drivers



29⁹⁵

Comfortable, Studio-Quality Listening for At-Home Use!

A Realistic PRO-60. Our finest! Variable-density ear-cushions fit comfortably around your ear. "Acoustic resonance" design delivers solid bass response with open transparent midrange and treble—all with extremely clear sound. Distortion is actually less than 0.5% THD. 10-foot coiled cord, 1/4" plug. 33-999 **49.95**

B Realistic LV-10. Unique electro-acoustical configuration and 2" dynamic elements deliver all the punch of a live rock concert with amazingly clean sound. Soft, foam earcushions let you enjoy hours of comfortable listening. 10-foot lightweight coiled cord, 1/4" plug. 33-1004 **39.95**

C Realistic PRO-30. These slim-silhouette phones are light on your ears and your budget. Low-mass drivers deliver excellent transient response—you hear your favorite music with no coloration. 10-foot coiled cord, 1/4" plug. 33-995 **29.95**

- 20-20,000 Hz
- Volume/Balance Controls
- 30-18,000 Hz
- Large Elements For Solid Bass
- 50-15,000 Hz
- Glide-Path® Controls
- High Efficiency
- Budget Priced



31⁹⁵



24⁹⁵



19⁹⁵



14⁹⁵

Full Size, Low Prices

D Realistic Nova-PRO. Puts great stereo sound at your fingertips! Dual side-mounted controls let you adjust volume and balance without leaving your chair. Rugged vinyl drivers, comfortable foam-filled earcushions and padded, adjustable headband. 10-foot coiled cord, 1/4" plug. 33-1014 ... **31.95**

E Realistic Nova-40. Big 3 1/2" drivers produce full-range sound from deep, rich bass to soaring highs. Oversize cushioned earcups and padded, adjustable headband for real comfort. 10-foot coiled cord, 1/4" plug. 33-993 **24.95**

F Realistic Nova-16. This quality headset features left and right-channel slide-action controls for volume/balance. Foam-padded, adjustable headband and air-cushion earpads. 6 1/2-foot cord, 1/4" plug. 33-1019 **19.95**

G Realistic Nova-10. Enjoy private stereo with one of our lowest priced headphones! The 2" drivers provide full bass and the cushioned earpads give a natural, airtight fit for listening in comfort. 6 1/2-foot cord, 1/4" plug. 33-1012 **14.95**

Extensions With 1/4" Jack & Plug



Low As **5⁶⁹**

Listen anywhere in the room.
24-Ft. Coiled.
24-2443 **7.99**
20-Ft. Non-Coiled.
24-2442 **5.69**

20-Ft. Extension for Lightweight 'Phones



NEW FOR '85 **4⁹⁹**

Lightweight, highly flexible cable with 1/8" stereo mini plug and jack. 42-2462 **4.99**

20-Ft. Extension 1/8" to 1/4" Adapter



4⁹⁹

Connects 1/8" stereo mini jack to 1/4" stereo plug. Use your lightweight headphones at home. 42-2460 **4.99**

3-Ft. Headphone Y-Adapter



4⁹⁹

Private stereo for two. Connects two headphones to a single 1/4" phone jack. 42-2448 **4.99**

Y-Adapter for Lightweight 'Phones



NEW FOR '85 **4⁴⁹**

Use two headsets with one personal portable. One 1/8" plug to two 1/8" jacks. 42-2463 ... **4.49**

Mini Adapter



2⁵⁹

1/4" Stereo Jack to 1/8" Stereo Plug

Headphone adapter lets you use your home stereo phones with your personal portable. 274-366 **2.59**

1/8" to 1/4" Adapters



Low As **2³⁹** **H**

H Right-angle 1/8" stereo phone jack to 1/4" stereo phone plug. 274-371 **2.59**
J As above, but straight-line. 274-367 **2.39**

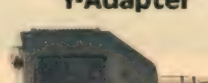
Mini Right-Angle Adapter



1⁹⁹

1/8" stereo phone jack to 1/8" stereo phone plug. 90° bend. For stereo or mono. 274-372 **1.99**

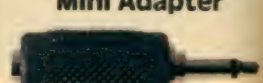
Mini Plug Y-Adapter



2⁶⁹

3-conductor plug adapts two 1/8" stereo plugs to one 1/8" stereo plug. 274-313 ... **2.69**

Mono-to-Stereo Mini Adapter



Listen With Both Ears **1¹⁹**

1/8" mono phone jack to 1/8" stereo phone plug—adapts stereo mini-phones to mono jack. 274-368 **1.19**

Prices Apply at Participating Radio Shack Stores and Dealers

DISCOVER LIGHTWEIGHT PORTABLE HEADPHONES

Feathery-Light, Yet You Get Full-Range Sound

A Realistic Nova®-45. Our finest lightweights! Efficient, rare-earth magnets make it possible for you to hear deep bass in a headset weighing just 3.3 oz. Light, flexible 6 1/2-foot cord. 1/8" plug. Includes 1/8"-to-1/4" plug adapter.

33-1021 24.95

B Realistic Nova-52. Folds up to save space when your portable stereo is not in use. Only 2.5 oz. 6 1/2-foot cord, 1/8" plug. 33-979 19.95

B Realistic Nova-51. As above but with 1/4" plug. Weighs just 3 oz. 33-978 19.95

C Realistic Nova-35. Foam earpads and adjustable headband for comfort. 5-foot cord, 1/8" plug. 33-1035 ... 13.95

Realistic Nova-50. As above, but with 6 1/2-foot cord and 1/4" plug. 33-998 17.95

- 20-20,000 Hz
- Samarium Cobalt Magnets

- 50-20,000 Hz
- 6 1/2-Foot Cord

- 50-20,000 Hz
- Less Than 4 Oz.



A
24⁹⁵
NEW FOR '85



Fold-up design saves space



C
Low As 13⁹⁵

Stereo/Mono Under-Chin Headset



9⁹⁵

Dynamic Elements

This lightweight headset is just right for use with dictation machines or for listening to music. With 4 1/2-foot cord, 1/4" plug. 33-196 9.95

Our Lowest Priced Stereo Headphones

NEW FOR '85

4⁹⁵

So Light, You'll Forget You're Wearing Them!



Nova-34. This "light-as-air" headset delivers surprising full-range response. Foam pads, adjustable headband. Weigh only 2 oz. With 4-foot cord, 1/8" plug. 33-1000 4.95

Lightweight Stereo Headphones

9⁹⁵

- 50-20,000 Hz
- Just 1 1/4 Oz.
- Foam Earpads



Realistic Nova-33. Low price and wide frequency response make this lightweight the ideal choice for your personal stereo. With 4-foot cord and 1/8" plug. 33-976 9.95

Micro In-Ear Stereo Headphones

12⁹⁵



Slips into outer ear

- 50-20,000 Hz
- Weighs Just 0.6 Oz
- With Carry Pouch



Our lightest! These phones fit comfortably inside your ear—no headband. Foam cushions. 4-foot cord, 1/8" plug. 33-977 12.95

Mono Earphone With 10-Foot Cord



2⁹⁹

Fits most portable TV sets and cassette recorders. Includes ear hanger clip and 1/8" plug. 33-177 2.99

Nova-Fone® Earphone



6⁹⁹

- Comfortable
- Wide response

Completely covers your ear—you hear full-range sound. 1/8" plug fits many portables. 33-1036 6.99

Pillow Speaker With Volume Control

4⁹⁹



Slips under pillow for private listening. 1/8" mini plug fits earphone jack of most clock radios and portables. 33-207 4.99

Foam Earpads for Lightweight Headsets

2⁴⁹

Set of 4

NEW FOR '85



Replace your worn-out earpads with these polyurethane foam covers. Fit many headsets. 2 blue, 2 black. 33-374 Set of 4/2.49

Mono Earphones



1⁴⁹

With Ear Hanger Clip

Fits most portable TVs, radios and tape recorders. 3 1/4-foot cord. 3/32" Plug. 33-174 1.49
1/8" Plug. 33-175 1.49

20-Ft. Extension for Mono Earphone

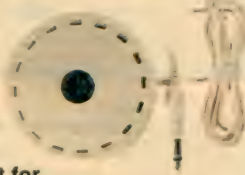


1⁹⁹

Twisted cord with 1/8" jack and plug. Use with any of the mono phones on this page. 33-176 1.99

Pillow Speaker

2⁹⁹



Perfect for Clock Radios

Listen while resting without bothering others. 1/8" plug. 33-206 2.99

Phone Coupler

2⁹⁹



Easy, Add-On Headphone Stereo

For equipment having no headphone jack—attaches quickly to speaker terminals. 33-1009 2.99

See Our Complete Selection of Headphone Plug Adapters on Page 122

VERSATILE CASSETTE DECKS FOR GREAT TAPING

High-Speed Dubbing Deck With Dolby* B and C NR



NEW '85
FOR

279⁹⁵

AS LOW AS
\$26 PER MONTH

Transfers Material From Deck-1
To Deck-2 at Twice Normal Speed!
No Patchcords Required!

- Make Studio-Quality Cassette Copies in Half the Time
- Automatic Search Music System Finds Selections Quickly
- Dolby* B-C NR Reduces Tape Hiss and Extends Dynamic Range
- 2-Color, 5-Segment LED Fast-Response Peak Level Meters

Realistic SCT-90. Our most versatile deck! Besides dubbing, the dual decks let you play two tapes in sequence for twice the listening time. And Dolby C reduces background noise to an incredible one-hundredth of its original level! Selector switches for metal/CrO₂/normal tapes and dual-concentric record level controls. Also features ASMS on Deck-1 that scans tapes and plays the nearest selection automatically. "Soft-touch" function controls, record mute, LED indicators for Dolby B-C, dubbing, power, record, pause and ASMS. Three-digit tape counter. 1/4" mike and headphone jacks. U.L. listed. **14-634 . . 279.95**

Specifications

Response ± 3 dB: 30-19,000 Hz (metal), 30-18,000 Hz (CrO₂/Hi-Bias), 30-15,000 Hz (normal). **Wow and Flutter:** 0.07% WRMS. **S/N:** 74 dB Dolby C; 65 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.1% 3rd HD. **Deck-1 Play Head:** Hard permalloy. **Deck-2 Record/Play Head:** Hard Permalloy. **Erase Head:** Ferrite. **Size:** 4 5/16 x 16 1/2 x 9 13/16". *TM Dolby Laboratories Licensing Corp.



Value-Priced Dubbing Deck With Dolby B NR

NEW '85
FOR

199⁹⁵

USE YOUR
Radio Shack
CITYLINE
CARD

- 2-Color, 5-Segment LED Peak Level Meters
- Dolby B NR Reduces Hiss, Extends Range

Realistic SCT-70. High-speed dubbing at a bargain price. Playback-only Deck-1 is designed for superior sound, while Deck-2 is a recorder/player with optimum recording characteristics. Also plays two cassettes in sequence for continuous music. Record mute, "soft-touch" metal/CrO₂/normal and dual-concentric level controls. LED power and record indicators. Three-digit tape counter helps find selections fast. 1/4" mike and headphone jacks. U.L. listed. **14-630 199.95**

Specifications

Response ± 3 dB: 40-14,000 Hz (metal), 40-13,000 Hz (CrO₂/Hi-Bias), 40-12,500 Hz (normal). **Wow and Flutter:** 0.1% WRMS. **S/N:** 60 dB (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.2% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 5 x 16 1/2 x 8 5/8".



Fast-Action Auto-Reverse Programmable Deck

299⁹⁵

AS LOW AS
\$27 PER MONTH

- Solenoid Logic-Controlled Operation
- 2-Color, 14-Segment Peak Level Meter
- Dolby B-C Reduces Hiss, Extends Range

Realistic SCT-42. Our best—amazingly quick auto-reverse for "seamless" playback or recording on both sides of a tape! Programmable memory skips over unwanted sections—you hear what you want, in the order you want. Automatic metal/CrO₂/normal selection. "Feather-touch" solenoid controls let you switch tape modes quickly without jams. Scan mode, record mute, separate slide-action record level controls, 3-digit fluorescent tape counter. 1/4" mike and headphone jacks. U.L. listed. **14-628 299.95**

Specifications

Response ± 3 dB: 45-18,000 Hz (metal), 45-17,000 Hz (CrO₂/Hi-Bias), 45-17,000 Hz (normal). **Wow and Flutter:** 0.04% WRMS. **S/N:** 75 dB Dolby C; 67 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Rotating permalloy. **Erase Head:** Ferrite $\times 2$. **Size:** 4 5/16 x 17 1/8 x 11 1/16".

REALISTIC TAPE DECKS COMPLETE YOUR SYSTEM

Logic-Controlled Auto-Reverse Stereo Cassette Deck

NEW '85
FOR

239⁹⁵

AS LOW AS

\$25 PER MONTH



- Automatic Search Music System Finds Selections Fast
- Dolby® B-C NR Cuts Noise and Extends Dynamic Range
- Oversize Feather-Touch Solenoid Cassette Controls
- 2-Color, 8-Segment LED Peak Recording Level Meter

Specifications

Response ± 3 dB: 40-16,000 Hz (metal), 40-15,000 Hz (CrO₂/Hi-Bias), 40-15,000 Hz (normal). **Wow and Flutter:** 0.07% WRMS. **S/N:** 72 dB Dolby C, 65 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.5% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4 x 17 x 10 1/8". *TM Dolby Laboratories Licensing Corp.

Realistic® SCT-80. Solenoid operation! No matter how you key the controls, you'll get smooth, precise tape handling. Auto-reverse plays and records on both sides of cassettes. Mode selector lets you choose one side, both sides, or continuous repeatable playback of both sides. Automatic metal/CrO₂/normal bias selector and auto record mute. Separate slide-action record level controls. LED indicators, 3-digit tape counter. 1/4" mike and headphone jacks. U.L. listed. **14-631** **239.95**

Solenoid Logic-Controlled Stereo Cassette Deck

179⁹⁵

USE YOUR



- Automatic Search Music System
- Dolby B-C Noise Reduction
- 2-Color, 8-Segment LED Record Level Meter

Specifications

Response ± 3 dB: 27-17,000 Hz (metal), 27-16,000 Hz (CrO₂/Hi-Bias), 27-16,000 Hz (normal). **Wow and Flutter:** 0.05% WRMS. **S/N:** 74 dB Dolby C, 65 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Hard Permalloy. **Erase Head:** Ferrite. **Size:** 4 5/16 x 16 5/16 x 9 13/16".

Realistic SCT-40. Loaded with the features music lovers want most, at a price that's easy to afford! Separate right and left record level and metal/CrO₂/normal bias controls. LED record, pause and power indicators. MPX filter for clean FM stereo recordings. Adjustable output, mike/line input selector. Three-digit tape counter and ASMS help find selections fast. 1/4" mike and headphone jacks. U.L. listed. **14-622** **179.95**

"Soft-Touch" Cassette Deck With Dolby B-C NR

149⁹⁵

USE YOUR



Was \$159.95 in 1984 Catalog



- Automatic Search Music System
- 2-Color, 7-LED Record Level Meter

Specifications

Response ± 3 dB: 25-17,000 Hz (metal), 25-16,000 Hz (CrO₂/Hi-Bias), 27-15,000 Hz (normal). **Wow and Flutter:** 0.06% WRMS. **S/N:** 73 dB Dolby C, 64 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Permalloy. **Erase Head:** Ferrite. **Size:** 4 5/16 x 15 3/8 x 8 1/4".

Realistic SCT-41. All controls work with a light touch of your finger. ASMS quickly scans tape at high speed in either direction—plays the nearest selection automatically. Bias and EQ selectors for metal/CrO₂/normal tapes. Switchable MPX filter for clean FM recordings. Separate record level controls. Three-digit tape counter, 1/4" mike and headphone jacks. U.L. listed. **14-627** **149.95**

See Our Complete Selection of Headphones, Microphones and Tape Accessories

VALUE-PRICED STEREO RECORD/PLAY TAPE DECKS

Our Lowest Priced Cassette Deck With Dolby* B NR



NEW '85
FOR

99⁹⁵



- Dolby NR Extends Dynamic Range and Cuts Tape Hiss
- Quick-Response, Dual-Color Peak Level Power Output Meters
- Auto-Stop ■ Bias and EQ Selectors for Metal/CrO₂/Normal Tape

Realistic SCT-35. A high quality basic deck with the most-wanted recording features. Separate left and right record level controls, tape counter, pause, soft-eject cassette door and pushbuttons for Dolby in/out and tape selectors. Jacks for headphone and external mikes. U.L. listed. 14-636 99.95

SPECIFICATIONS. Response ± 3 dB: 30-14,000 Hz (metal), 30-14,000 (CrO₂), 30-12,000 (normal). Wow and Flutter: Less than 0.09% WRMS. S/N: 64 dB. (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.3% 3rd HD. Record/Play Head: Hard permalloy. Erase Head: Ferrite. Size: 4⁵/₈ x 15³/₈ x 8⁵/₈".

*TM Dolby Laboratories Licensing Corp.

Auto-Reverse Cassette Play Deck



NEW '85
FOR

99⁹⁵



- Dolby B NR ■ Metal/CrO₂-Normal Selector
- Plays Both Sides Of Tape Automatically
- Cue/Review Finds Selections Fast

Realistic SCP-25. Enjoy hours of continuous music with this compact player. Pushbuttons for tape direction, tape selector, fast-forward, rewind and eject. Tape direction LEDs. Simulated walnut. U.L. listed. 4¹/₄ x 9¹/₂ x 5¹/₂". 14-635 99.95

Budget-Priced Cassette Deck



NEW '85
FOR

69⁹⁵

- Auto-Level for Perfect-Volume Recordings
- Space-Saving Size—Fits Any Shelf or Cabinet

Realistic SCT-34. Our smallest, most affordable recording deck is packed with big features. Selector switch for metal/CrO₂/normal tapes, pause control, tape counter, auto-stop, soft-eject door and record LED. 1/8" external mike jacks for "live" recording. Simulated walnut. 4³/₄ x 8¹/₁₆ x 5¹/₄". U.L. listed. 14-633 69.95

Basic Cassette Play Deck



NEW '85
FOR

49⁹⁵

End-of-Tape
Auto-Stop

Realistic SCP-30. Quality playback of metal/CrO₂/normal cassettes. Features soft-touch controls, pause and soft-eject door. Simulated walnut. 4¹/₂ x 8 x 5¹/₄". U.L. listed. 14-632 49.95

Stereo 8-Track Play Deck



49⁹⁵

- Continuous Play
- Program LEDs

Realistic TR-169. Ideal background music for parties or relaxing. Automatic or manual program change, adjustable output level control. Simulated walnut. 4 x 10 x 7". U.L. listed. 14-935 49.95

Stereo Tape Control Center



24⁹⁵

Monitor, Record and
Dub With Up to
Three Tape Decks

Eliminates the hassle of patchcord "swapping." Switch equalizers, noise reducers, time delay devices and more. Connects to tape monitor jacks. Molded case. 2¹/₄ x 6¹/₄ x 4³/₄". 42-2105 24.95

PORTABLE AM/FM STEREO CASSETTE RECORDERS

Detachable Speakers, Each With 5" Woofer and 1 1/2" Tweeter

279⁹⁵

AS LOW AS

**Radio Shack
CITILINE**
\$26 PER
MONTH



Save on a Complete System

**Save
\$40⁹⁰**

Reg. Separate
Items 339.90

299⁰⁰



Modulaire-1000 With
LAB-90 Micro-Turntable

- Dolby[®] B NR ■ Metal/CrO₂/Normal Tape Selector ■ Soft-Touch Buttons
- Two 7-LED Record Level Meters ■ Full Auto-Stop ■ LED Tuning Indicator

Realistic Modulaire[®]-1000. A 10-watt stereo component system "to go." Record great-sounding Dolbyized cassettes from radio, optional turntable (left) or "live" with two built-in condenser mikes. Cassette features separate record level controls, or use automatic level control for perfect-volume tapes the easy way. Also features Cue/Review, tape counter and soft-damped cassette door, separate bass and treble controls. Jacks for headphone, external mikes, magnetic-cartridge turntable, aux and external speakers. Rugged molded case with carry handle. Size (including speakers): 9 3/16 x 24 13/16 x 5 3/16". U.L. listed AC operation, 10 "D" batteries (not incl.) or DC adapter. **14-773 279.95**

*TM Dolby Laboratories Licensing Corp.

Our Low-Priced "Carry Around" Component System

169⁹⁵

USE YOUR

**Radio Shack
CITILINE**
\$16.99 PER
MONTH



Realistic Modulette[®]-500. Our 4-watt system is value-priced and feature-packed. Cassette deck has soft-touch controls, full auto-stop, tape counter and pause. Tuner features FM stereo, tuning and power/battery LEDs. Telescoping antenna, jacks for external speakers, phono/aux, headphones and external mike. Size (including speakers): 8 3/8 x 22 13/32 x 6 3/16". U.L. listed AC operation, eight "D" batteries (not incl.) or DC adapter. **14-782 169.95**

- Detachable 2-Way Speakers, With 5" Woofers and 1 1/2" Tweeters— Spread Out the Music
- 5-LED Audio/Record Level Meter ■ Automatic Record Level Control for Perfect Recordings

Radio Shack CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

AM/FM STEREO CASSETTE RECORDERS—TO GO

Auto-Reverse Playback or Record



**Take the Beat to the Street
For Non-Stop Music to Go!**

NEW
FOR '85

179⁹⁵



- Auto-Reverse Allows Continuous Playback Or One-Cycle Recording of Both Tape Sides
- Two 2-Way Speaker Systems for Great Sound

Realistic SCR-16. Enjoy exciting sound and features not usually found in a portable! Convenient auto-level recording makes it easy to tape "live" or directly off the radio. Adjust output with bass-enhancing loudness switch for that extra bottom-end kick. Two 5" dynamic woofers and solid-state tweeters deliver clean, full-range sound. Features two sensitive built-in condenser mikes, LED indicators for tape direction, FM stereo and battery. Soft-eject tape door. Jacks for headphone and two external mikes. 8 1/2 x 20 1/2 x 4 1/2". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-786 179.95



"Powerhouse" System With Auto-Search

249⁹⁵

AS LOW AS



\$26 PER MONTH

- Powerful 10-Watt Amplifier ■ Soft-Touch Tape Buttons
- 6" Long-Throw Woofers ■ Solid-State Tweeters

Realistic SCR-8. Deluxe features and big, BIG sound! Push a button and Auto-Search Music System advances tape to next selection or replays a selection. Record CrO₂/hi-bias or normal cassettes off radio or with built-in mikes; auto-level and pause button make it easy. Stereo-Wide™ adds lifelike depth to the stereo image. Loudness switch, 24-LED audio level indicator and LEDs for search, battery and record. Aux inputs, jacks for extra speakers, mikes and headphone. 10 1/2 x 17 1/2 x 5". U.L. listed AC operation, eight "D" batteries (not incl.) or optional DC adapter. 14-778 249.95



Slim and Lightweight for Easy Totin'

NEW
FOR '85

109⁹⁵



- Variable Monitor System ■ Soft-Eject Cassette Door
- Tone Control ■ Loudness Improves Bass at Low Volume
- LED Indicator for Record/Battery and FM Stereo

Realistic SCR-18. Take this streamlined portable anywhere and record great-sounding cassettes off-the-air, with built-in mikes or from aux input. Variable monitor lets you listen at any volume as you record. Stereo-Wide "broadens" sound for a dramatic stereo effect. Has pause control for easy editing, tape counter, auto-level and jacks for headphone and remote mikes. 5 1/2 x 15 7/8 x 3 3/8". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. 14-788 109.95

GREAT-SOUNDING PORTABLE MUSIC SYSTEMS

AM/FM Stereo Dubbing Cassette Recorder

NEW '85
FOR

179⁹⁵

USE YOUR



- Synchronized Dubbing Makes High-Quality Copies in Real Time
- Continuous Playback Lets You Listen to Two Tapes Without Interruption

Realistic SCR-17. A hard-to-duplicate value! Deck 1 is for playback only, designed for superior frequency response. Deck 2 is a high-quality record/playback deck. Copy from Deck 1 to Deck 2 and record directly off radio or with built-in mikes. Enjoy super performance from two 5" woofers and solid-state tweeters. Includes soft-touch tape controls, 3-digit tape counter, auto-level and auto-stop. LED indicators for audio level, battery level and FM stereo. 8 1/2 x 21 1/4 x 4 15/16". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-787 179.95



**Dual Cassette
For Music Lovers on the Move!**

Super Stereo in a Great-Looking Portable

NEW '85
FOR

139⁹⁵

USE YOUR



- Mechanical Soft-Touch Buttons for Cassette Operation
- 2-Way Speaker Systems ■ Stereo-Wide Circuitry
- Two Built-In Condenser Microphones ■ Auto-Level

Realistic SCR-15. This rugged system will give you years of great listening. You get 2-way speaker systems with 5" woofers and solid-state tweeters, Stereo-Wide for enhanced separation effect, variable monitor for listening at any volume as you record off radio, 3-digit tape counter, LED indicators for record/battery/tuning/FM stereo. Jacks for extra mikes, speakers and headphone. 8 3/4 x 15 3/4 x 5 1/4". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-785 139.95



Our Lowest Priced With 2-Way Speakers

99⁹⁵

USE YOUR



- LED Indicators for Power/Battery and FM Stereo
- Variable Monitor System ■ Auto-Level ■ Auto-Stop

Realistic SCR-12. Popular features + low price = great value! You can record directly from AM/FM tuner or "live" with built-in microphones. Use variable monitor to listen at any volume while taping off radio. Two 4" woofers and solid-state piezo tweeters deliver smooth, full-range sound. Variable tone control. Jacks for remote mikes and headphone. 8 1/4 x 16 1/2 x 3 3/4". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-783 99.95



See Page 39 for Our Complete Selection of DC and AC Power Cords and Adapters

REALISTIC® AM/FM STEREO CASSETTE RECORDERS

Our Lowest Priced With Dual Speakers



NEW '85 FOR

69⁹⁵

Record Tapes Off-the-Air Or "Live" With Built-In or Optional External Mikes

Realistic SCR-14. Everything you need for stereo recording/playback on-the-go! Separate balance and tone controls let you adjust the sound the way you like, stereo/mono switch provides the best possible FM reception. Tape has full auto-stop and pause control. Jacks for external speakers, mikes and aux inputs. 1/4" headphone jack. 6 3/4 x 15 3/4 x 3 3/8". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-784 **69.95**

Dual-Speaker With "Sleep" Switch



79⁹⁵

Automatic Record-Level For Great Tapes Every Time

Realistic SCR-9. Want to doze to radio? Just insert cassette of desired length and set "sleep" switch—radio turns off at end of tape. Five-LED audio level meter and built-in electret mikes for recording tapes "live". Glide-Path® volume and balance controls. 8 x 15 1/2 x 3 1/2". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-779 .. **79.95**

A Triple Play®! Portable AM/FM Cassette Recorders With 3-Way Power*

Value-Priced Solid Performer



49⁹⁵

- Auto-Record Level
- Tone Control
- Full Auto-Stop

Realistic CTR-61. The affordable way to make great-sounding tapes. Records from radio or "live" with built-in electret mike. Jacks for remote mike and external antenna. 7 1/2 x 10 3/4 x 3". Requires four "C" batteries or AC or DC adapter.

14-1001 **49.95**

AC/Battery for Home or Away



59⁹⁵

- LED Record Indicator
- Digital Tape Counter

Realistic CTR-65. Convenient three-way power for listening to or recording music anywhere, anytime. Records off-the-air or with built-in mike. Variable monitor, tone control. 8 1/4 x 12 1/2 x 3 1/2". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. 14-1003 **59.95**

High-Style Ultra-Compact Size



79⁹⁵

- Variable Monitor For Listening As You Record
- Audible Cue/Review

Realistic Minisette®-12. The high-performance mini that "thinks" big. Records tapes "live" or off the air. Features pause and auto-level, "sleep" switch for dozing to music. Tone control. 5 1/8 x 9 1/8 x 2 1/4". Requires six "AA" batteries or AC or DC adapter. 14-1012 **79.95**

SLIM-STYLE CASSETTE RECORDERS AND PLAYERS

"Electronic Note-Takers" With Built-In Electret Mikes and Slide-Out Handles

A Realistic CTR-55. Features automatic record-level setting, end-of-tape auto-stop. Jacks for remote control mike, external speaker and aux input for taping directly from a radio or phono. $2 \times 5\frac{3}{4} \times 10\frac{1}{2}$ ". Requires four "C" batteries or AC or DC adapter. 14-1005 27.95

B Realistic CTR-56. Versatile three-way power saves on batteries when used at home or in the car. Jacks for remote control mike, external speaker, aux input. Auto-level, auto-stop. $2 \times 5\frac{3}{4} \times 10\frac{1}{2}$ ". U.L. listed AC operation, four "C" batteries (not incl.) or optional DC adapter. 14-1006 34.95

C Realistic CTR-70. Our best! Ideal for students and businessmen, alike. Has separate volume and tone controls for improved sound. LED record/battery indicator. Audible cue/review and digital tape counter help find tape selections fast. Jacks for remote control mike, aux input. $1\frac{7}{8} \times 5\frac{1}{2} \times 10\frac{1}{2}$ ". U.L. listed AC operation, four "C" batteries (not incl.) or optional DC adapter. 14-1050 49.95



27⁹⁵

Budget-Priced
For Students



34⁹⁵

Aux Input for
External Sources



49⁹⁵

NEW '85

■ Auto-Level ■ Auto-Stop
■ Audible Cue/Review

AC and DC Adapters

Start saving money! Operate your portable from 120VAC house current or 12VDC mobile power.

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-773	*	270-1534
14-778	*	270-1534
14-779	*	14-844
14-782	*	14-844
14-783	*	14-844
14-784	*	14-844
14-785	*	14-844
14-786	*	14-844
14-787	*	14-844
14-788	*	14-844
14-800	273-1454	14-844
14-812	273-1454	14-844
14-813	*	14-844
14-846	273-1454	14-844
14-1001	273-1454	14-844
14-1002	*	14-844
14-1003	*	14-844
14-1004	273-1454	14-844
14-1005	273-1454	14-844
14-1006	*	14-844
14-1008	273-1454	14-844
14-1012	273-1455	14-844
14-1016	273-1435	270-1560
14-1022	273-1435	270-1560
14-1023	273-1454	14-844
14-1024	273-1454	14-844
14-1026	273-1435	270-1560
14-1028	273-1435	270-1560
14-1029	273-1435	270-1560
14-1030	273-1435	270-1560
14-1031	273-1454	14-844
14-1032	273-1454	14-844
14-1050	*	14-844

*Not required. AC power supply built-in. See page 69 for description of adapters.

Easy-to-Use Cassette Recorder for Kids

34⁹⁵

- Hi/Lo Tone Switch ■ Color-Coded Controls
- Durable Easy-to-Clean Molded Case

Realistic CTR-64. The kids will love to tape themselves and their friends on their very own recorder. Features a "strawberry" microphone and a built-in speaker. Jacks for mike, external power and earphone. With storage space for adjustable shoulder strap and five tapes. $3\frac{1}{4} \times 11\frac{5}{8} \times 9"$. Requires four "C" batteries or AC or DC adapter. 14-1004 34.95

Goes Anywhere
They Go



AM/FM Cassette Player

34⁹⁵

Plays When
Tape is Inserted



Realistic CTP-7. Easy and safe for youngsters. Has slide-rule tuning dial, FF/eject button, jacks for external speaker/earphone, external power. $5\frac{1}{2} \times 8\frac{9}{16} \times 2\frac{1}{16}$ ". Requires four "C" batteries or AC or DC adapter. 14-1023 34.95

Kiddie Recorder

NEW '85

27⁹⁵



Realistic CTR-63. On-the-go entertainment for kids. Records tapes from built-in electret mike. Auto-stop, volume control, built-in speaker. Jacks for external power. $8\frac{1}{8} \times 6\frac{7}{8} \times 2\frac{3}{4}$ ". Requires four "C" batteries or DC adapter. 14-846 27.95

Prices Apply at Participating Radio Shack Stores and Dealers

TAPE IT WITH A REALISTIC® CASSETTE RECORDER

Convenient Voice Actuated Recording



59⁹⁵

NEW FOR '85

Starts Recording When it Picks up Your Voice. Stops During Pauses to Prevent Long Gaps On Your Tapes

Realistic CTR-75. Built-in electret mike, reg. recording with auto-level. Jacks: aux, earphone, remote mike. Only 1³/₈ x 4⁵/₈ x 7¹/₈". Requires four "AA" batteries or AC, DC adapters. 14-800 59.95

Audible Cue/Review Helps You Find Desired Portion of the Tape

Desktop Model With Switchable Auto-Level

69⁹⁵

Auto-Level for Voice Tapes or Manual Control to Record Music With Wider Dynamic Range



Realistic CTR-51. Pause and tone controls, cue/review, recording meter. Jacks: remote mike, aux, external speaker. 2³/₁₆ x 10 x 6⁷/₈". U.L. listed AC operation, four "C" batteries (not incl.) or DC adapter. 14-813 69.95

Sensitive Built-In Electret Mike

Compact With Cue/Review, Tone Control



59⁹⁵

Cue/Review Lets You Hear the Tape During Fast-Forward And Rewind. You Can Find Desired Sections Quickly and Easily

Realistic Miniset®-9. The size of a small book, but big on performance. Auto record level. Pause control for editing while you record. Jacks: remote mike, earphone. 1⁵/₁₆ x 7³/₁₆ x 4⁹/₁₆". Requires four "AA" batteries or AC, DC adapters. 14-812 59.95

Built-In Electret Mike

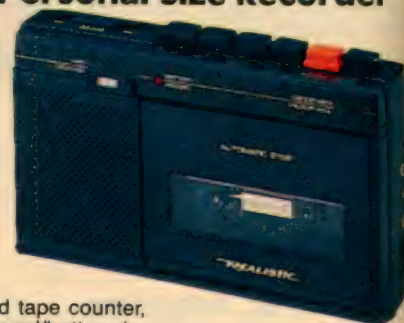
Our Most Popular Personal-Size Recorder

NEW LOW PRICE!

49⁹⁵

Was \$59.95 in 1984 Catalog

Auto-Stop at End of Tape Saves Batteries and Helps Prevent Damage to Tapes



Realistic CTR-58. Cue/review and tape counter, auto-level, pause control, LED record/battery indicator. Jacks: remote-control mike, external speaker. 4¹/₄ x 6³/₄ x 2". Requires four "AA" batteries or AC or DC adapter. 14-1008 49.95

Built-In Electret Mike

Recorder With VSC* Cuts Playback Time in Half



NEW LOW PRICE!

99⁹⁵

Was \$119.95 in 1984 Catalog

"Speed-Listen" to Any Tape at Up To Twice the Normal Speed, and Understand Every Word!

*Trademark of Variable Speech Control Co.

Realistic VSC-1000. Now you can listen to talking books, educational tapes and lectures in half the usual time! It's perfect for businessmen, students and busy professionals. Variable Speech Control gives you faster, yet normal-sounding speech with any standard cassette. Slide-action controls adjust playback speed and pitch. And you can switch to normal operation and back to VSC without changing the VSC settings. Has all of the standard features, too. Pause control, cue/review, tape counter, end-of-tape auto-stop, automatic recording level, built-in electret mike, LED record/battery indicator. Jacks: remote-control mike, aux input, headphone with 1/4" plug, external speaker. 2¹/₄ x 10 x 6⁷/₈". U.L. listed AC operation or six "C" batteries (not incl.) or optional DC adapter. 14-1002 99.95

High-Performance Compact With One-Touch Record

NEW FOR '85

59⁹⁵

- Sensitive Built-In Electret Mike
- Automatic Recording Level

Realistic Miniset-14. One-touch recording makes it easy to record and revise your dictation or reports. You can press the record button while in the play mode without stopping the tape. Audible cue/review lets you scan tapes rapidly to locate passages. LED record/battery indicator. Auto-stop at end of tape. Pause control, digital counter. Jacks: earphone, remote mike. 6¹/₄ x 4⁷/₁₆ x 1³/₁₆". Requires four "AA" batteries or optional AC, DC adapters. 14-1024 59.95



Our Smallest Model For Standard-Size Cassette Tapes

MICROCASSETTE & MINI-CASSETTE RECORDERS

Perfect for the Businessman or Student Who Demands Advanced Capabilities and Easy Operation in an Amazingly Lightweight and Rugged Design. All Three Models Feature Cue/Review Locator, a Sensitive Built-In Electret Mike and Precise Capstan Drive

Pocket-Sized, Two-Speed Recorders Let You Tape Up to Three Hours on One MC-90 Microcassette

A 99⁹⁵

USE YOUR



B 69⁹⁵

C 59⁹⁵



NEW '85

Voice Actuated Recording



NEW '85

Voice Actuated Recording



Recharging Capability

A Realistic Micro-20. Easily fits in the palm of your hand, yet offers very good sound quality and voice actuated auto-start recording with fully adjustable sensitivity. In the voice actuated mode, the recorder stops automatically when there is no sound. Long pauses are not recorded, so tape space is conserved. You also save time when you play back a voice actuated recording. Convenient one-button shift from play to record mode makes it easy to correct your dictation. Auto-stop at end of tape in all modes. LED record/battery indicator, tape counter. Slide switches for voice actuation on/off, pause on/off and speed selection: 1.2 centimeters per second or 2.4 cm/sec. Jacks: remote-control mike, earphone. In a sturdy metal case, only $5\frac{1}{4} \times 2\frac{3}{8} \times 7\frac{1}{8}$ ". Includes hand strap, vinyl carrying case, earphone, erase plug, owner's manual. Requires two "AA" batteries or AC or DC adapters. **14-1029 99.95**

B Realistic Micro-15. An excellent value for office, school or home. Features voice actuated recording with high or low mike sensitivity and standard recording with automatic level control. Cue/review and tape counter help you find desired sections of the tape. Auto-stop at end of tape in play and record modes saves batteries and protects tapes. Built-in recharging circuit for optional nickel cadmium batteries. 1.2 cm/sec or 2.4 cm/sec speeds. Jacks: external mike, earphone. $5\frac{1}{4} \times 2\frac{1}{8} \times 1\frac{1}{8}$ ". Requires two "AA" batteries or optional AC or DC adapters. **14-1030 69.95**

C Micro-10. Same as Micro-15, without voice actuated recording and in black case. **14-1016 59.95**

Pocket Mini-Cassette With Cue Feature

39⁹⁵

NEW LOW PRICE!

Was \$49.95 in 1984 Catalog

Realistic Minisette. Slide-action controls permit easy one-hand operation. Cue button advances the tape rapidly while in the play mode to help you find specific sections. LED record/battery condition indicator, wrist strap, earphone. $5\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{8}$ ". Fully compatible with all mini-cassette equipment and tapes. Requires two "AA" batteries.

14-1015 39.95

Mini-Cassette



Mini-30. For our #14-1015 Minisette above and other rim-drive recorders. 30 minutes recording time. **44-633 2.69**

New Microcassette Gives You Up to 3 Hours Of Recording

Low As 3⁴⁹

MC-60

MC-60. Up to 120 minutes at 1.2 cm/sec, 60 min. at 2.4 cm/sec. **44-640 3.49**
MC-90. NEW! Up to 180 minutes at 1.2 cm/sec, 90 min at 2.4 cm/sec. **44-644 6.95**



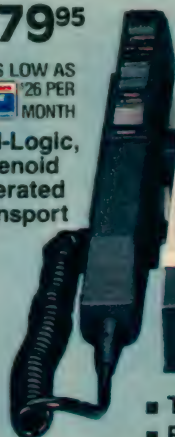
MC-90 available Sept. 30, 1984

Microcassette Dictation/Transcribing System

279⁹⁵

AS LOW AS \$26 PER MONTH

Full-Logic, Solenoid Operated Transport



- Two Speeds! Records Up to Three Hours per Tape
- Remote Control Arm With Built-In Mike & Speaker
- Includes Typist's Headset, 3-Function Footswitch

Realistic Micro-1000. Put high technology in your office and improve efficiency! Dictation is easy because the handset has a private review speaker and controls for rewind, start/lock and electronic cueing. Desktop unit features adjustable back-space and playback speed to match any typing speed. Footswitch control of play, rewind and stop. Automatic record level, mike sensitivity switch for recording conferences or dictation, tape counter, 1.2 cm/sec or 2.4 cm/sec speeds. $2 \times 9\frac{1}{4} \times 7\frac{3}{16}$ " U.L. listed AC operation. **14-500 279.95**

TAKE ALONG A STEREO-MATE® PERSONAL PORTABLE



NEW '85
FOR



Compact Cassette Players With AM/FM Stereo Tuners

A Realistic SCP-10 With Dolby B NR. Our best! The tuner is inside—no extra radio packs to carry. Individual channel volume controls and FM mono switch provide best reception of weak or distant stations. End-of-tape auto-stop and power-off when headphones are unplugged save battery life. LED FM stereo and low-battery indicators. $\frac{1}{8}$ " headphone jack. $5\frac{3}{16} \times 3\frac{3}{8} \times 1\frac{3}{8}$ ". Requires two "AA" batteries or AC or DC adapter. 14-1022 99.95

B Realistic SCP-15. Nice price on this all-in-one AM/FM stereo cassette. Dual controls let you adjust volume and balance at the same time. Features auto-stop, LED indicator for FM stereo and battery condition, $\frac{1}{8}$ " headphone jack. $6\frac{1}{16} \times 3\frac{7}{16} \times 1\frac{1}{2}$ ". Requires four "AA" batteries or AC or DC adapter. 14-1031 59.95

*TM Dolby Laboratories Licensing Corp.

A 99⁹⁵



B 59⁹⁵

- Dolby® B Noise Reduction
- Metal/CrO₂-Normal Tape Switch

- Mono/Stereo FM Button
- Metal/CrO₂-Normal Tape Switch



Amplified Speakers

49⁹⁵ Pair

Battery powered. Plug into portable's $\frac{1}{8}$ " phone jack. See page 21. #40-1259.

Lightweight Headphones

Low As
4⁹⁵

See Page 31



Stereo Cassette Players for Every Budget

All STEREO-MATE cassette players include vinyl carry case, shoulder strap, and require headphones.

C Realistic SCP-12 With Dolby B NR. Enjoy continuous listening—tape auto-reverses at end of each side. Manual reverse button switches tape direction instantly. Dolby B NR for use with Dolbyized® tapes. Cue/review helps you find selections fast. Pause switch, metal/CrO₂-normal tape selector, LED indicators for tape direction. $\frac{1}{8}$ " headphone jack. $4\frac{7}{16} \times 4\frac{1}{4} \times 1\frac{1}{4}$ ". Requires two "AA" batteries or AC or DC adapter. 14-1026 79.95

D Realistic SCP-14. Our smallest! Easy-to-adjust thumbwheel volume and balance controls. Auto-stop helps save batteries. Low-battery LED, built-in charger for nickel-cadmium batteries. $\frac{1}{8}$ " headphone jack. $4\frac{5}{16} \times 3\frac{3}{16} \times 1\frac{1}{4}$ ". Requires two "AA" batteries or AC or DC adapter. 14-1028 49.95

E Realistic SCP-16. This low-cost player has many of the features found in higher-priced models. Thumbwheel volume/balance controls, auto-stop, metal/CrO₂-normal tape switch, LED battery indicator. $\frac{1}{8}$ " headphone jack. $5\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{5}{16}$ ". Requires three "AA" batteries or AC or DC adapter. 14-1032 29.95



NEW '85
FOR

C 79⁹⁵

- Auto Reverse
- Dolby Noise Reduction



NEW '85
FOR

D 49⁹⁵

- Super-Compact Size
- Metal/CrO₂-Norm. Switch



NEW '85
FOR

E 29⁹⁵

- Belt/Waistband Clip
- Battery-Saving Auto-Stop

Use Dependable Radio Shack ENERCELL® Alkaline Batteries for Best Results

PARTY DANCE LIGHTS AND ROCK 'N ROLL MUSIC!

Psycholite® Multi-Color Show



12⁹⁵

Dazzling!

Projects a spinning kaleidoscope of color on walls, ceiling, floor—and you! 6 1/2" high. U.L. listed. 42-3018 . . . 12.95

Wild Psycholite Bulb

4⁹⁹

Firelike, Flickering Action!



"Dancing" filament lends a festive air to parties. Fits any standard light socket.

42-3014 4.99

High-Intensity Strobe Light

29⁹⁵

Produces Stop-Action Effect!



Ideal for bands, dance floors, photographers. Wide-angle with adjustable flash. Walnut vinyl. 7 7/16 x 7 7/16 x 4 3/4". U.L. listed. 42-3009 . . . 29.95

Tri-Color Traffic Light

39⁹⁵

Put more flash in your dance! Random color switching. Faceted reflectors intensify the effect. 18 3/8 x 6 3/8 x 6 1/4". U.L. listed. 42-3026 . . . 39.95



Digitally Mastered "Oldies But '80s"

NEW FOR '85

9⁹⁵

Real-Time 1:1 Recordings



Amazing sound! Performances by 60's favorites Sam & Dave, Lesley Gore, Percy Sledge, Martha Reeves, Chiffons, more. 51-3021 . . . 9.95

Famous Artists on Realistic® Cassettes—Only \$4⁹⁹ Each

Carl Perkins & Eddie Cochran



A

Chuck Berry & Little Richard



B

Mickey Gilley & Jerry Lee Lewis



C

Paul Revere & the Raiders



D

Beach Boys & Jan 'n Dean



E

Put the Hammer Down



F

Outlaw Country



G

B. Mandrell & George Jones



H

Willie Nelson



J

Mike Love & Dean Torrence



K

A Carl Perkins and Eddie Cochran, *Go, Cat, Go*. Boppin' the Blues, Blue Suede Shoes, Honey Don't, Dixie Fried, Matchbox, C'mon Everybody, Summertime Blues, Nervous Breakdown, more. 51-3019 4.99

B Rock 'n Rollin' with Chuck Berry and Little Richard. Johnny B Goode, Reelin' & Rockin', Rock 'n Roll Music, Sweet Little Sixteen, Roll Over Beethoven, Long Tall Sally, more. 51-3012 4.99

C Mickey Gilley and Jerry Lee Lewis, *Country Cousins*. Great Balls of Fire, Whole Lotta Shakin' Goin' On, Breathless, Stand by Me, Don't the Girls Get Prettier When It's Closin' Time, Honky Tonk Memories, more. 51-3015 4.99

D Raul Revere and the Raiders, *Paul Revere Rides Again*. Rock Around the Clock, Louie, Louie, Good Lovin', C.C. Ryder, You Really Got Me, more. Guest stars include Mary MacGregor, Blood, Sweat and Tears and Eric Burdon. 51-3013 4.99

E Beach Boys and Jan 'n Dean, *Surfin' USA*, Deadman's Curve, Surf City, Little Deuce Coupe, Fun, Fun, Fun, I Get Around, Drag City, Little Old Lady From Pasadena and more summertime classics. 51-9010 . . . 4.99

F Put the Hammer Down. Ten all-time truckers' favorites! Movin' On, White Line Fever, Merle Haggard; Convoy, C.W. McCall; Phantom 309, Red Sovine; six others. 51-6101 4.99

G Outlaw Country. Rugged, western-style hits performed by Moe and Joe, David Allen Coe, George Jones, Willie Nelson, Johnny Paycheck, Charlie Rich, Charlie Daniels Band, Lacy J. Dalton, Johnny Cash, more. 51-9004 4.99

H Barbara Mandrell and George Jones. I'm Not Ready Yet, White Lightnin', Once You've Had the Best, She Thinks I Still Care, Treat Him Right, Do Right Woman, Do Right Man, more. 51-9016 4.99

J Willie Nelson, *Once More With Feeling*. Bloody Merry Morning, Yesterday's Wine, Help Me Make It Through the Night, I'd Trade All My Tomorrows, Hello Walls, My Own Peculiar Way, Will You Remember, more. 51-9008 4.99

K Mike Love and Dean Torrence, *Rock 'n Roll City*. Twelve exciting new good-time recordings! With special guests the Beach Boys, Paul Revere and the Raiders, the Ripchords and the Association. 51-3009 4.99

*TM Dolby Laboratories Licensing Corp.

Ricky Nelson's Best "Travelin' Man"

NEW FOR '85

4⁹⁹

10 Hits By the Teen Idol



Hello Mary Lou, Travelin' Man, Believe What You Say, Be-Bop Baby, Poor Little Fool, Stood Up, more. 51-3030 4.99

Everly Brothers "Walkin' Right Back"

4⁹⁹

Special Collection



That's Old Fashioned, Let It Be Me, Wake Up Little Suzie, Walk Right Back, Lucille, Cathy's Clown, Bye Bye Love, more. 51-3014 4.99

Digitally Recorded Doc Severinsen LP

6⁹⁹

London National Philharmonic Orchestra



Superb sound at a breakthrough price! Recorded live and mixed direct to 2-track digital equipment. Pressed on premium vinyl. 51-3018 6.99

"Savage Young Elvis!"

NEW FOR '85

4⁹⁹

The King's Early Hits



Blue Suede Shoes, All Shook Up, Little Sister, Hard-Headed Woman, Rip It Up, Blue Moon, Mystery Train, Milk Cow Boogie, more. 51-3024 . . 4.99

Buddy Holly With The Crickets

NEW FOR '85

4⁹⁹

Original Hits



Peggy Sue, Maybe Baby, Well All Right, That'll Be the Day, Rave On, Words of Love, True Love Ways, It's So Easy, Everyday, more. 51-3020 4.99

Johnny Rivers—"I'm the One"

NEW FOR '85

4⁹⁹

All His Greatest



Memphis, Maybelline, Mountain of Love, Midnight Special, Seventh Son, Secret Agent Man, Poor Side of Town, Baby I Need Your Lovin', more. 51-3031 4.99

All Realistic Music Cassettes Are Duplicated On Premium-Quality Dolbyized* Tape for Great Sound

VALUES IN HIGH-QUALITY RECORDING CASSETTES

High-Tech Metal Tape—Our Finest



Low As **5⁹⁹** C-60

Enjoy reproduction that is virtually indistinguishable from open-reel! Coated with fine-grain metal particles for greater output at high and low frequencies, and remarkably low noise levels. Increases dynamic range, too. For recording on metal-capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. Hinged storage box.

Type	Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 Minutes	44-960	5.99	5.39	4.79	3.95
C-90	90 Minutes	44-961	6.99	6.29	5.59	4.89

Hi-Bias for Improved Dynamic Range

Low As **3⁹⁹** C-60

Captures the loudest and softest passages while reducing noise. Special hi-bias formula for greater high-frequency room preserves musical "detail". Records on equipment with CrO₂/high-bias switch. Plays on all cassette equipment. Has head-cleaning leader. Hinged storage box. A terrific value.



Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-940	3.99	3.32	2.95	2.48
C-90	90 minutes	44-941	4.69	4.22	3.76	3.16

Premium Ferric Oxide Formulation



Low As **2⁶⁹** C-45

For optimum performance at normal bias, this tape gives you audiophile quality at a low Radio Shack price. Precision housing cuts wow and flutter. Non-abrasive head-cleaning leader. With hinged storage box.

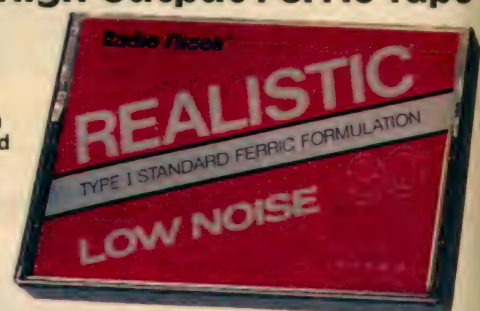
Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.69	2.39	2.15	1.79
C-60	60 minutes	44-921	2.99	2.69	2.39	1.99
C-90	90 minutes	44-922	3.99	3.59	3.19	2.69
C-120	120 minutes	44-923	4.99	4.49	3.99	3.29

Low-Noise, High-Output Ferric Tape

Low As **1⁵⁹** C-30

A Standard Tape With Above-Standard Sound

High output and wide frequency response, low noise and distortion—all at low cost! Special High-Flux Density oxide formula. Precision housing reduces wow and flutter. With hinged storage case.



Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.59	1.39	1.25	1.05
C-60	60 minutes	44-602	1.99	1.75	1.59	1.29
C-90	90 minutes	44-603	2.79	2.45	2.19	1.85
C-120	120 minutes	44-604	3.49	3.05	2.79	2.29

Concertape®—Quality Sound at Affordable Prices



Low As **1⁹⁹** C-30
Pkg. Of 3

The smart choice for general-purpose recording. Use shorter tapes for "voice letters," longer tapes for language study, note-taking, recording music for home, car or portable. Polyester base resists effects of age, humidity, breaking and stretching.

Singles



Low As **88^c** C-60

Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 min.	44-606	1.99	1.79
C-60	60 min.	44-607	2.59	2.29
C-90	90 min.	44-613	3.59	3.19
C-120	120 min.	44-614	4.99	4.39

Type	Record Time	Cat. No.	Each
C-60	60 min.	44-605	.88
C-90	90 min.	44-620	1.25

Microcassettes



Micro-60

3⁴⁹

Available Sept. 30, 1984

Micro-90

6⁹⁵



Up to 60 Minutes Per Side For capstan-drive recorders like our Micro series, others. Up to 90 Minutes Per Side

Total Recording Time	Cat. No.	Each
2.4cm/sec. 1.2 cm/sec.	1-9	10-Up
60 min. 120 min.	44-640	3.49 2.99

Total Recording Time	Cat. No.	Each
2.4cm/sec. 1.2 cm/sec.	1-9	10-Up
90 min. 180 min.	44-644	6.95 5.95



2⁶⁹ 15 Minutes Per Side

Mini Cassettes

Mini-30. For rim-drive recorders like our Realistic Miniset and others.

Total Record Time	Cat. No.	Each
30 minutes	44-633	2.89 2.49

REALISTIC® OPEN-REEL AND 8-TRACK TAPE

SUPERTAPE® Premium Open-Reel

Low As **3⁹⁹** 5" Reel

Super-Calendered For a Mirror-Like Surface

Get superb sound and greater dynamic range without special bias settings with our studio-quality recording tape. Superior sensitivity and wide frequency response. High tensile strength for long life.



REALISTIC Low-Cost, Low-Noise Tape

Low As **1⁴⁹** 3" Reel

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and humidity, helps prevent stretching.



Reel Size	Feet	Mil	Cat. No.	Each	
				1-9	10-499
5"	900	1.0	44-1872	3.99	3.19
7"	1200	1.5	44-1878	5.79	4.59
7"	1800	1.0	44-1877	6.49	5.19
7"	3600	0.5	44-1880	11.49	9.19

Reel Size	Feet	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
3"	225	1.0	44-734	1.49	1.35	1.25	1.19
5"	900	1.0	44-753	2.99	2.69	2.49	2.39
5"	1200	0.5	44-752	3.99	3.59	3.39	3.19
7"	1800	1.0	44-754	5.49	4.95	4.59	4.39
7"	2400	0.5	44-758	6.49	5.79	5.49	5.19
7"	3600	0.5	44-766	7.99	7.99	6.79	6.39

All-Purpose Budget-Priced Concertape®

Only **2⁴⁹**

1800 Feet On 7" Reel

Hours and hours of quality recording at low cost. Heavy-duty, 1-mil Polyester base resists breaking and stretching, while giving you extra-wide response. 1800 feet on a 7" reel for extra recording time—up to 96 minutes per side at 3 3/4 ips. Ideal for off-the-air tapings. Includes storage box. Stock up so you won't be caught short. 44-1018 2.49



Open-Reel Recorder Accessories

7" Metal Reel

6⁹⁵

Professional Quality

Improves the appearance and performance of any open-reel recorder. Won't crack, split or warp. With storage box. Use the best! 44-280 6.95

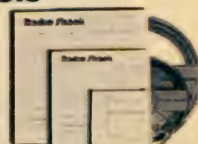


Tape Reels With Boxes

Low As **59¢**

Plastic reels with index, timing chart.

Reel	Cat. No.	Each	Reel	Cat. No.	Each
3"	44-273	.59	7"	44-279	1.39
5"	44-278	.99			



Leader Tape

Ideal for **1⁵⁹** Pkg. Of 2
Editing
Color-coded leader. Two 150-foot reels. 1/4" x 1.5 mil. 44-1053 Pkg. 2/1.59



Tape Reel-Holders

Fit Most **1¹⁹** Pkg. Of 2
Recorders

Keeps reels seated, wobble-free. 44-1068 Pkg. 2/1.19



SUPERTAPE® Lab Standard 8-Track

3⁹⁹ 90 Min.

Special Fine-Grain Oxide for Superior Frequency Response

High-output, low-noise formulation reduces hiss. Back-coated with special lubricant to prevent tape jamming for increased tape life. Tough Polyester base resists stretching, breaking. 44-843

Each			
1-11	12-24	25-49	50-Up
3.99	3.49	3.19	2.99



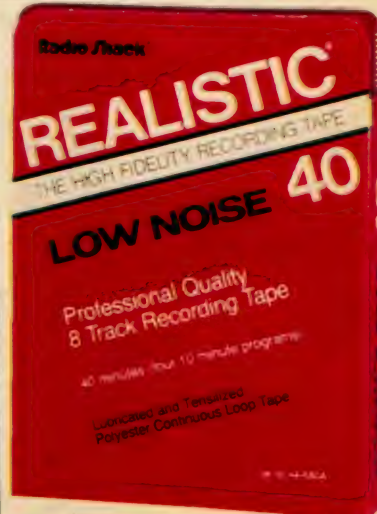
Low-Priced 8-Track Tape

Low As **1⁹⁹** 40 Min.

Special-Formula Oxide Coating Captures More of the Music With Less Noise

Record your own cartridges for a low-cost music library. Friction-reducing lubricant extends tape life for trouble-free recording and playback. Polyester base resists breaks, stretching and the effects of age and humidity.

Record Min.	Cat. No.	Each			
		1-11	12-24	15-49	50-Up
40	44-840	1.99	1.79	1.59	1.39
80	44-841	2.69	2.39	2.15	1.89



When in Fort Worth, Visit Tandy Center, Home of Radio Shack World Headquarters

EVERYTHING IN TAPE RECORDING ACCESSORIES

Universal Head Demagnetizer



9⁹⁵

Improves S/N Ratio, Reduces Hiss and Preserves High-Frequency Response

For cassette, 8-track and open-reel decks. Two interchangeable tips move to any angle. U.L. listed AC operation. 44-225 9.95

Lighted Head Demagnetizer



13⁹⁵

- For Cassette, 8-Track, Open-Reel
- Illuminated Tip Helps You See Heads

Restores high-frequency response, reduces hiss and prevents damage caused by magnetized heads. Lighted 3 1/2" probe. U.L. listed AC operation. 44-207 13.95

Electronic Cassette Head Demagnetizer



19⁹⁵ ■ Demagnetizes in One Second
■ Cordless—No AC Required

The fast, automatic way to preserve crystal-clear highs and cut hiss. Loads like an ordinary cassette. LED "on" indicator. With long-life battery. 44-1165 19.95

Car/Boat DC Adapter



6⁹⁵

Saves batteries! Powers most 6V and 9V portable radios and recorders from your car or boat's cigarette lighter. LED indicator. Fused. 12VDC neg. gnd. 14-844 6.95

Magnetic Bulk Tape Eraser

15⁹⁵

Also Erases Computer Floppy Disks

Not for metal or video tapes

Quickly erases cassette, 8-track and open-reel tape. Reduces noise to same level as erase head, but saves wear and tear. U.L. listed AC operation. 44-232 15.95



Cassette Demagnetizer and Head Cleaner

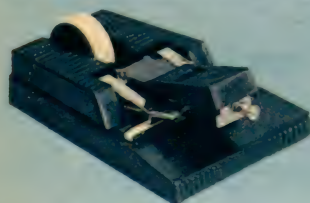
5⁹⁵

Helps Prevent Jamming, Reduces Hiss And Noise



Don't take chances on equipment "eating" your tapes! Insert for 60 seconds after every eight to ten hours of operation to prevent loss of "highs" and keep tape path clean. For all players and recorders. Cordless. 44-631 5.95

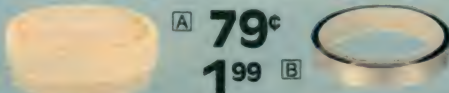
Deluxe Cassette Tape Splicer



6⁴⁹

Makes cassette tape editing and repair easy. Chromed cut/trim lever cuts diagonally for reliable "noise-free" splices and also trims off excess tape. Complete with one roll of splicing tape. 44-214 6.49

Splicing and Sensing Tape



[A] Splicing. Polyester base resists age, heat and humidity. 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	79¢
3/8"	44-1126	79¢
1/2"	44-1128	79¢

[B] Sensing. For recorders with contact or photo sensing systems. 7/32 x 100" 44-1155 1.99

Splicers for Editing Tape



[C] Cassette/Open Reel/8-Track Editing Block. Anodized aluminum splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. 44-224 3.99

[D] Universal Dual-Track Splicer. For cassette, 8-track, open-reel tapes. Includes razor blade, instructions. 44-216 1.99

Cassette Hand-Winder



3⁹⁹

Rewind cassette tapes by hand and prolong your portable's battery life. Wind a C-90 cassette in just 60 seconds—faster than most recorders. 44-223 3.99

Stylish Carry Strap



4⁹⁹

For Portable Radios And Tape Players

Take your music along in comfort. Durable nylon web strap is fully adjustable, with sturdy metal clasps. 44-690 4.99

On/Off Foot Switch



2⁹⁹

Remote control switch for hands-free on/off capability. Ideal for typists working from dictation. Sub-mini plug fits into remote control jack of most recorders. 44-610 2.99

Phone Pickup Coil



1⁹⁹

Simple To Use

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini-plug. 44-533 1.99

Prices Apply at Participating Radio Shack Stores and Dealers

YOUR TAPE CARE AND CLEANING HEADQUARTERS

Cleaner Cassette



For Standard
Cassette Decks

4⁹⁹

Felt pads with unique wiping action scrub tape head, clean pinch roller and capstan. Transparent case. With 1/2-oz. of cleaning solution.

44-1163 4.99

Foam Cleaning Swabs

NEW '85
FOR

1⁹⁵

Pkg.
Of 10



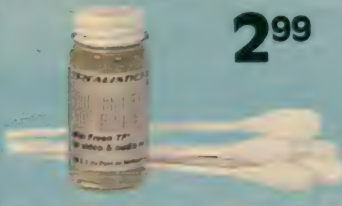
For Audio and
Video Use

Clean your delicate recording and playback equipment like the pros. Lintless and reusable.

44-1094 Pkg. 10/1.95

Professional-Quality Head Cleaning Kit

2⁹⁹



For audio and video. Includes 6-dram bottle of Freon TF* solvent, six reusable lintless foam swabs.

44-1170 2.99

*TM E.I. du Pont de Nemours & Co., Inc.

Deluxe Cassette Tape Repair Kit

4⁹⁹

Fix Damaged
Cassettes



Includes 32-page manual, housing, splicing block, razor blade, Mylar splicing tabs, screws and adhesive labels. 44-629 4.99

8-Track Doubleheader Cartridge

2⁹⁹

Cleans As It
"Plays"

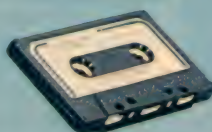


Insert each end of cartridge for ten seconds to clean head, sensor and capstan. 44-208 2.99

Cassette Cleaning Kit

2⁶⁹

Includes Fluid



Restores fidelity, extends tape life by removing oxide deposits from heads, capstan. 44-1162 .. 2.69

Tape Head Cleaner

1⁸⁹

For Cassette Decks



Non-abrasive, yet it restores clarity, helps prevent dirt build-up and extends tape life. 44-1160 .. 1.89

Cassette Tape Fixer

2⁴⁹

Straightens and helps you rewind, clean and repair tangled tapes. Semi-automatic. 44-634 2.49



8-Track Head Cleaner

1⁹⁹

Budget Priced

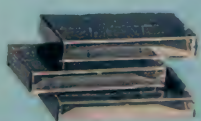


"Play" for ten seconds. Removes oxide deposits from heads to restore volume. 44-1161 1.99

Cassette Boxes

1¹⁹

Pkg.
Of 3



Protect your tapes. Hinged see-through door for easy identification. 44-611 Pkg. 3/1.19

Recorder Cleaner Kit

1⁶⁹

1 1/4-oz. bottles of cleaner and lubricant. With ten long-reach swabs. 44-217 1.69



Cassette Housing

1¹⁹

Easy
To Load

Replace your damaged or worn-out housing. 24" leader tape, instructions. 44-626 1.19



Cassette Index Labels

99¢ Pkg.
Of 24



Self-adhesive. Six each of red, blue, yellow and green. 44-621 Pkg. 24/99¢

Plastic Cassette Mailers

89¢ Pkg.
Of 3

Meet 1st Class Postal Regulation PSM 352.2. With labels. 44-608 Pkg. 3/89¢



Cardboard Cassette Mailers

79¢ Pkg.
Of 6

Heavy-duty boxes. Meet 1st class postal regs. With labels. 44-632 Pkg. 6/79¢



Cleaning Cloths

1⁴⁹ Pkg.
Of 4

Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 Pkg. 4/1.49



Cassette Index Cards

1¹⁹ Pkg.
Of 20



Replace old cards—room to list newly recorded selections. Fit all standard tape boxes. 44-623 .. Pkg. 20/1.19

Head Cleaner Spray & Solvents

Low As
99¢

- A "Non-Slip" Solvent. For idler belts, wheels, cords. 2 oz. 44-1013 99¢
- B Head Cleaner Solution. Cleans all metal parts. 2 oz. 44-1010 99¢
- C "Pro" Solvent. Freon TF* dissolves dirt and oxide. 2 oz. 44-1171 ... 2.39
- D Cleaner Spray. Cuts grime. Extension nozzle. 3 oz. 44-1011 2.39

*TM E.I. du Pont de Nemours & Co., Inc.



Tape Head Cleaning Sticks

Low As
1²⁹

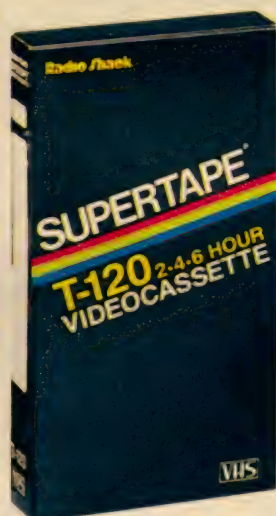
Pkg.
Of 100

Cotton-tipped 6" wood sticks for cleaning hard-to-reach places. 44-1093 Pkg. 100/1.29



See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables

SUPERTAPE® VIDEO CASSETTES—THE STANDARD OF EXCELLENCE FOR HOME RECORDING AND PLAYBACK



Special Magnetic Particle Binder System Gives You Extra-Long Life at All Speeds

VHS T-120 SUPERTAPE GOLD HG. Our special High Grade Formulation meets the critical demands made by slow-speed and special-effect recording and playback. You get purer, more vivid color, less noise and dropouts plus a brighter, more detailed picture than is possible with standard grade tape. Improved audio quality gives you full-bodied sound which makes this the ideal tape for use on the newer stereo VCRs, too. 44-410 Each 11.95

SUPERTAPE Video Cassettes. Performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formula and binder system combined with perfectly aligned and optimally sized magnetic particles give you brilliant, true-to-life color. Precision housing minimizes dust pickup and reduces friction.

VHS T-120. Up to six hours recording time. 44-400 Each 9.95

Beta L-500. Up to three hours recording time. NEW LOW PRICE. Was \$9.95 in 1984 Catalog. 44-450 Each 8.95

Beta L-750. Up to five hours recording time. 44-475 9.95

Purchase any of these tapes in quantities of 12 or more and save \$1 per tape!

VHS T-120 Gold HG

NEW LOW PRICE!

11⁹⁵

Each, 1-11

Was \$13.95 in 1984 Catalog

VHS T-120

NEW LOW PRICE!

9⁹⁵

Each, 1-11

Was \$11.95 in 1984 Catalog

Beta L-750

NEW LOW PRICE!

9⁹⁵

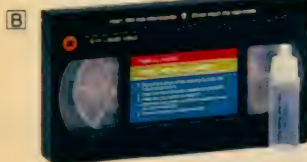
Each, 1-11

Was \$11.95 in 1984 Catalog

These Video Cassette Accessories Make Recording and Organizing Easy

Automatic VCR Cleaning Systems

NEW FOR '85



Non-Abrasive Wet System Loads Like a Cassette—Just "Play" It To Restore Like-New Picture and Sound Quality

VCR Cleaning Kit. There's no need to take chances and "go inside" your VCR. This non-abrasive system thoroughly cleans all heads, capstan, pinch roller and guides. Cleaning takes place in 20 seconds or less. You put cleaning fluid into liquid hole of cleaner, insert into your machine and press play button. That's all there is to it, so use it regularly for maximum VCR performance.

A For Beta Recorders.
44-1186 14.95

B For VHS Recorders.
44-1185 14.95

VCR Cleaning Kit

9⁹⁵



Keep Your VCR Operating at Peak Performance

Helps remove deposits from heads, rollers and capstan. Includes four reusable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, 1/2-oz. of Freon TF cleaner, instructions.

44-1172 9.95
TM. E.I. du Pont de Nemours & Co., Inc.

Unique Video Tape Indexing System

4⁹⁹



Convenient Organizer Stores Just Like a Video Cassette

Create a quick reference to your video tape library. Ring-binder index "book" with master "title" index cards and 50 removable information cards for individual tapes.

44-1176 4.99

Remote Pause Control



2⁹⁹

Edit out unwanted commercials with the push of a button. For most VCRs and audio recorders. 12-foot cable. 44-1179 2.99

Video Cassette Labels



1⁴⁹

Pkg. of 10

For easy tape re-labeling.
VHS. 44-1177 Pkg. 10/1.49
Beta. 44-1178 Pkg. 10/1.49

See Radio Shack's Complete Line of Video Accessories—Pages 106-113

High-Power Video/Audio Bulk Eraser—Works in Seconds

29⁹⁵ For Beta and VHS Video And All Audio Tapes

Erases tapes more completely than an audio or video recorder's erase head. With on/off switch, illuminated "on" indicator. U.L. listed AC operation. 44-233 29.95



AUDIO/VIDEO TAPE ORGANIZERS & PROTECTORS

Audio Cassette Cases



Low
As
3⁹⁵

Store Like Books

12-Cassette Album. Tapes snap in and out. Folds up to 10 1/2 x 9 1/2 x 1 1/4". 44-612 3.95

24-Cassette Album. 44-609 .. 7.39

Audio Cassette Racks



NEW FOR '85

2⁴⁹ Set of 2

Smoked acrylic racks each hold ten cassettes for a total of 20. Add more as your tape library grows.

44-682 Set of 2/2.49

2-Way Audio Cassette Cases

Low
As
6⁹⁵

12/24 Tapes. Stores and protects 12 boxed or 24 unboxed cassettes. 3 1/2 x 10 1/8 x 6 7/8". 44-657 6.95

24/48 Tapes. 3 1/2 x 14 1/2 x 8 3/4". 44-658 9.95

60/120 Tapes. Opens from both ends. 6 1/2 x 14 1/4 x 9 7/8". 44-679 17.95



Snap Latch and Carry Handle

15-Cassette Storage Tray

3⁴⁹

Fits Shelf/Drawer

Smoke-tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 3 1/8 x 12 1/2 x 4 1/2".

44-665 3.49



Cassette Carousel

9⁹⁵

Holds Up to 32 Tapes

With/without cases. Stackable. 6 1/2 x 6 1/4 x 9 1/4". 44-673 9.95

Deluxe Two-Way Cassette Storage Case

Holds 24 Boxed or 48 Unboxed Cassettes **16⁹⁵**

Padded leather-look vinyl finish with luxurious cushioned interior design. Snap-lock latch. 4 1/4 x 14 1/8 x 7 1/2".

44-663 16.95



36-Cassette Storage Cabinet

21⁹⁵

Stack It With Your Components

Three compartmented drawers organize tapes for easy selection. Walnut vinyl finish, non-scuff feet. 4 1/4 x 15 5/8 x 12 1/2". 44-669 21.95



Micro/Mini Cassette Tray

2⁴⁹

Holds 12 Tapes

Smoke-tinted cover protects tapes. 2 x 2 1/3 x 7 1/8". 44-678 .. 2.49



Microcassette Album

NEW FOR '85

1⁹⁹

Holds 6 Tapes

Convenient vinyl carrier folds to just 6 7/8 x 5 1/8 x 3/4". Holds tapes in their boxes. 44-683 1.99



Sturdy, 2-Drawer Video Tape Cabinet

Holds Up to 20 Beta or VHS Tapes

34⁹⁵



Wood cabinet with two compartmented drawers will support up to 70 pounds. No-mar feet. Simulated woodgrain finish. 5 1/4 x 17 1/2 x 16".

44-1196 34.95

Video Tape Mailers

2⁴⁹

Labels Included

U.S. Postal Service approved. Locking, dust-free storage.

VHS. 44-1192 2.49

Beta. 44-1193 2.49



Video Tape Storage Module

5⁹⁹

Holds 6 Tapes

Expand as your library grows—just lock on more modules.

For VHS. 44-1190 5.99

For Beta. 44-1191 5.99



Video Tape Racks

Set of 2

NEW FOR '85

For VHS or Beta **3⁹⁹**

Smoke-colored molded racks each hold six tapes for a total of 12.

44-1197 Set of 2/3.99



Video Library Album

NEW FOR '85

1³⁹ For VHS or Beta

Protects valuable video cassettes from damage and dust plus organizes them on your shelf, library-style. 44-1198 1.39

Universal VCR Cover

5⁹⁵

See-Thru Front



Keeps out damaging dust. Anti-static vinyl. Fits most VCRs. 7 x 20 x 16". 44-1182 5.95

TV/Computer Screen Anti-Static Cleaner

NEW FOR '85

3⁹⁵

Includes 13 1/2 x 11" Lint-Free Wipe



Brightens display and repels dust, fingerprints, smudges. For all glass and plastic surfaces. 4 oz.

44-1150 3.95

Tapes Not Included With Items on This Page

MICROPHONES FOR STAGE, STUDIO AND HOME

Our Best Dynamic Mikes for Recording and PA With Wire Mesh Screens to Reduce Wind and Breath Noise



A 49⁹⁵

A Realistic® Highball. Unidirectional. An outstanding mike for public address and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high or low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6 1/2" long. 16-ft cable with 1/4" plug, deluxe case, stand adapter. 33-984 **49.95**

B 39⁹⁵

B Super-Omnidirectional. Flat 40 to 17,000 Hz response. Rugged body with rubber shock ring. Low-impedance (XLR) capability. 6 3/4" long. Includes 16-ft. cable with 1/4" plug, deluxe carrying case, stand adapter. 33-1070 **39.95**

C 29⁹⁵

C Cardioid Pattern. Die-cast body. On/off switch. 50 to 15,000 Hz response. XLR capability. 7" long. Includes 12-ft. cable with 1/4" plug, stand adapter. 33-1071 . . **29.95**

D 24⁹⁵

D Tight Cardioid Pattern. Minimizes feedback. 80 to 12,000 Hz. 600 ohms. On/off switch. 7" long. Includes 6-ft. cable with 1/4" plug, stand adapter. 33-992 . . **24.95**

E 19⁹⁵

E Realistic Highball-2. Omnidirectional. Internal "pop" filter. Chromed body. On/off switch. 50 to 13,000 Hz. 600 ohms. 8 3/4" long. Includes 6-ft. cable with 1/4" plug, stand adapter. 33-985 **19.95**

F 14⁹⁵

F Realistic Highball-7. Unidirectional. Internal filter reduces feedback. On/off switch. 80 to 15,000 Hz response. 600 ohms. 8 1/2" long. Includes 10-ft. cable with 1/4" plug, stand adapter. 33-986 . . **14.95**

Pattern Choice



Cardioid



Omnidirectional

Cardioid or Unidirectional. Pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equal response from all directions.

Two-Way Use!



#33-984, 33-1070 and 33-1071 are adaptable to "pro"-type XLR balanced output. See page 122 for XLR connectors.

Acoustic Foam Windscreens



Fits most microphones. Stops wind and breath "pop." 33-373 **1.49**

Stereo Mikes—Two Elements in One Housing

Deluxe Dual-Pattern Electret

G 39⁹⁵

G Two sensitive electret elements and a special matrix circuit let you select "normal" pattern or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. 600 ohms. Wire mesh screen cuts wind noise. On/off switch. 8" long. 10-ft. cord with two 1/4" phone plugs. Includes vinyl carrying case and stand adapter. Requires "AA" battery. 33-919 **39.95**

H 29⁹⁵

Compact Cardioid-Pattern Electret

H Dual back-electret elements provide excellent response to transients—the fast-rising peaks that give sound its "live" quality. Ideal for use with portable stereo recorders. 50 to 18,000 Hz. 600 ohms. Adjustable desk stand also has standard 5/8"-27 threads. On/off switch, foam windscreen. 5 1/8" long. 8-ft. cord, two 1/8" plugs. Requires "AA" battery. 33-1066 **29.95**

I 19⁹⁵

Electret With Adjustable Heads

I Dual electret condenser heads adjust up to 90° for optimum stereo separation—ideal when recording large musical groups or conferences. 50 to 15,000 Hz response. 600 ohms. Built-in stand. 5 5/8" long. 6 1/2-ft. cord, two 1/8" plugs. Two foam windscreens. Requires "AA" battery. 33-1065 **19.95**



SPECIAL-PURPOSE AND REPLACEMENT MIKES

Thin Omnidirectional Mike Solves Placement Problems

NEW FOR '85



Credit Card Sized

Reduces Echo

12⁹⁵

Ideal for recording in auditoriums, lecture halls and conference rooms. Multiple sound paths and long distances have little effect on quality. On/off switch. 5-ft. cord. 1/8" plug fits most portable recorders. Just 1/4 x 3 3/8 x 2 1/8". Includes type 391A battery. 33-1089 12.95

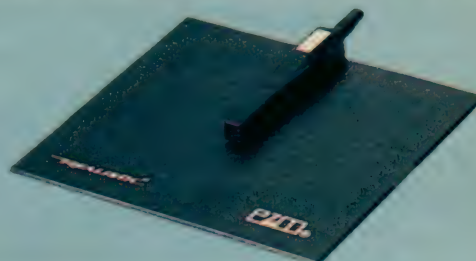
Amazing PZM®—A Performance Breakthrough

39⁹⁵

- Eliminates "Echo" Effects Caused by Reflected Sound
- Dramatically Increases Clarity and Range



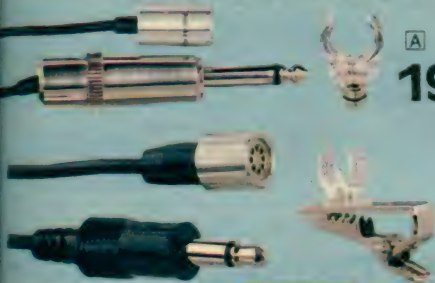
Revolutionary Design is Ideal For Out-of-Sight Placement



Realistic PZM Microphone. Radio Shack's Pressure Zone Mike reacts to sound in much the same way as the human ear. Just put the PZM where you hear the best sound and you'll capture it! Provides superior coverage in large rooms and on stages. 20 to 18,000 Hz. 600 ohms. On/standby/off switch lets you go from "standby" to "on" without producing a "pop." Electret element is mounted on a metal plate, 5 1/2 x 4 7/8". Includes 18-ft. cord with 1/4" plug. Requires "AA" battery. 33-1090 39.95

PZM is a Trademark of Crown International

Electret Tie-Clip Mikes Free Your Hands



19⁹⁵

Ideal for Stage Work, Lectures, Interviews and Public Speaking

A Omnidirectional. 30 to 12,000 Hz. frequency response. 600 ohms. Metal case, only 7/8" long. Includes 10-ft. cord, 1/4" plug, 1/8" mini plug adapter, type RM-675 mercury battery, clip and tie pin. 33-1056 19.95

B Miniature mike just 3/4" long. With clip. 50 to 15,000 Hz. 1,000 ohms. On/off switch. 3-ft. cord, 1/8" plug. Includes type LR-44 alkaline button battery. 33-1052 12.95

12⁹⁵

NEW FOR '85

Dual-Pattern Electret For Video Cameras

Includes Windscreen



49⁹⁵

Telescopic Or Closeup Patterns

80 to 12,000 Hz response. 600 ohms. 18" camera cable, 10-ft. extension, 1/4" plug. 11 x 7/8" diameter. Requires "AA" battery. 33-1062 49.95

Slim Electret Omni

17⁹⁵

Adjustable Stand

Less than 3 ounces. 20 to 13,000 Hz. 600 ohms. On/off switch. 6" long. 9-ft. cable, 1/4" plug. With type N battery. 33-1050 17.95



For Hand, Table or Lavalier

15⁹⁵

With Neck Cord And Desk Stand

Realistic MC-1000. Dynamic omnidirectional. 150 to 10,000 Hz. 10,000 ohms. 5 1/8" long. 6-ft. cable, 1/4" plug. 33-990 ... 15.95



Binaural Listening Aid

19⁹⁵

With Removable Neck Strap

Binaural (two-channel) design for natural sense of direction. Two electret mikes with separate volume controls. On/off/hi-boost switch. 3 3/4 x 2 1/2 x 3/4". Requires stereo headphones and two "AA" batteries. 33-1091 19.95



Replacement Remote-Control Mikes for Portable Recorders

Electret Condenser Omnidirectional

12⁹⁵

Has 1/8" mini-plug for audio, submini plug for remote on/off. 20 to 13,000 Hz. 6 1/2-ft. cord. With stand, windscreen, "AAA" battery. 33-1060 12.95



Windscreen Dynamic

12⁹⁵

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz. Low impedance. Includes 6 1/2-ft. cord, slip-on desk stand. 33-2001 12.95



"Pencil" Dynamic

6⁹⁹

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand. 6-ft. cord. 33-1034 ... 6.99



Low-Cost Dynamic

4⁹⁹

Dynamic sound quality at the price of a crystal mike. Mini-plug for mike, submini plug for remote control. 3-ft. cord. Slip-on stand. 33-1054 4.99



DUAL-CASSETTE AM/FM STEREO PHONO SYSTEMS

**Our Best! With Dolby* B NR
And "Soft-Touch" Pushbuttons**

**NEW
FOR '85**

299⁹⁵

AS LOW AS

**\$27 PER
MONTH**

- Two-Speed Automatic Record Changer With Cue/Pause Lever
- Dolby Noise Reduction System Reduces Tape Hiss and Noise
- Slide-Action Record Level Controls for Custom Recordings

Realistic Clarinette®-115. This deluxe all-in-one system lets you duplicate cassettes, and of course you can also record from the changer, FM stereo, AM or "live" using optional mikes. The "continuous play" mode lets you listen to two tapes in sequence. With 3-digit tape counter and full auto-stop. Two-speed changer lets you play all your favorite 33 $\frac{1}{3}$ and 45-rpm discs. Separate bass and treble controls, LED indicators for FM stereo, recording, Dolby and continuous play modes. Lighted tuning dial, $\frac{1}{4}$ " headphone jack, $\frac{1}{8}$ " mike jacks and auxiliary jacks for adding another component. Walnut-grained vinyl veneer finish. 9 $\frac{3}{4}$ x 16 $\frac{1}{2}$ x 15". Matching 17 x 10 x 5 $\frac{1}{2}$ " enclosures with full-range 6 $\frac{1}{2}$ " speakers. U.L. listed. 13-1219 299.95

Fast One-Touch Controls and Easy-to-Read LED Meters

<p>Pushbuttons For:</p> <p>Bass-enhancing loudness, hi-filter, A/B speaker-pair switching, CrO₂/normal tape select and Dolby noise reduction.</p>	<p>10-Step LED Record Level</p> <p>RECORD LEVEL METER</p> <p>5-Step LED Audio Power</p> <p>AUDIO POWER METER</p>
---	---

*TM Dolby Laboratories Licensing Corp.



**Full-Feature Compact System
With "Continuous Play" Mode**

239⁹⁵

AS LOW AS

**\$25 PER
MONTH**

- Two-Speed Automatic Turntable With Cue/Pause
- Auto-Recording Level ■ 5-Step LED Power Meter

**Hickory-Grained Vinyl
Audio Stand**

69⁹⁵



Holds any Clarinette system plus accessories. #42-3028. See page 28 for full description.

Realistic Clarinette-114. System has one cassette deck for record/play and one for playback only. Duplicate cassettes, record from the radio or from records, or add mikes for "live" recordings. "Continuous play" lets you listen to two tapes in sequence. Features auto-stop on both decks, digital tape counter. Turntable plays 33 $\frac{1}{3}$ and 45-rpm discs and has automatic arm return and shutoff. With hi-filter and loudness pushbuttons, edge-lighted dial plus separate bass and treble controls. LED indicators for record, continuous play and FM stereo modes. $\frac{1}{4}$ " headphone jack, $\frac{1}{8}$ " mike jacks. Vinyl finish. 9 x 16 $\frac{1}{2}$ x 15". Matching 17 x 10 x 5 $\frac{1}{2}$ " enclosures with full-range 6 $\frac{1}{2}$ " speakers. U.L. listed. 13-1217 239.95

CASSETTE AM/FM STEREO PHONO SYSTEMS

**Our Lowest Priced Compact!
The Perfect First System**

**NEW '85
FOR**

149⁹⁵



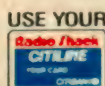
- Two-Speed Semi-Automatic Turntable
- Auto-Level for Perfect-Volume Recording

Realistic Clarinette®-116. Complete system includes speakers, changer, cassette deck, and AM/FM stereo receiver! Record cassettes from the radio, phono, or live with optional mikes. Cassette has auto-stop at end of tape in record and play modes, pause control and LED recording indicator. Two-speed turntable plays all your favorite 33 $\frac{1}{3}$ and 45-rpm records and features automatic tone-arm return and auto shut-off. AM, FM, phono and tape LED function indicator. FM stereo LED indicator. Rotary volume, tone and balance controls. $\frac{1}{4}$ " headphone jack, $\frac{1}{8}$ " mike jacks. Vinyl finish. 5 $\frac{1}{4}$ x 17 $\frac{3}{4}$ x 15". Speakers in walnut-grained vinyl finish, 17 x 10 x 5 $\frac{1}{2}$ ". U.L. listed. 13-1220 149.95



Feature Packed—Affordably Priced

199⁹⁵



- Two-Speed Automatic Record Changer
- Digital Tape Counter Helps Finds Selections Fast

Realistic Clarinette-112. Makes it even more convenient to record directly from the radio and the record changer, or "live" if you add mikes. Cassette features pause, end-of-tape auto-stop in record and play modes, automatic record level. Changer plays up to six 33 $\frac{1}{3}$ or 45-rpm records and has a cue/pause lever to protect discs and stylus. Automatically shuts off after last disc. LED indicators for power "on", FM stereo and record modes. $\frac{1}{4}$ " headphone jack, $\frac{1}{8}$ " mike jacks. Walnut-grained vinyl finish. 10 $\frac{1}{4}$ x 18 $\frac{1}{2}$ x 14 $\frac{1}{2}$ ". Speakers, 18 x 11 $\frac{3}{8}$ x 5 $\frac{3}{4}$ ". U.L. listed. 13-1216 199.95



**Extra-Versatile Compact System
Also Has an 8-Track Player**

229⁹⁵

**AS LOW AS
\$25 PER MONTH**



- Automatic Record Changer With Cue/Pause Lever
- Graphic Display for Volume, Tone, Balance

Realistic Clarinette-113. Loaded with features, yet easily fits in small places. You can record cassettes for home or car from the radio, record changer, or 8-track deck. For "live" recordings, just plug mikes into the $\frac{1}{8}$ " jacks. The cassette recorder/player shuts off automatically at end of tape. It has automatic recording level, 3-digit tape counter and a pause control. The 8-track play-only deck has pushbutton program change with LED indicators. Two-speed changer plays 33 $\frac{1}{3}$ and 45-rpm discs. Also features color-coded graphic display for volume, balance and tone, an edge-lighted radio dial, LED power "on" and FM stereo indicators. $\frac{1}{4}$ " headphone jack. Walnut-grained vinyl veneer finish. 8 $\frac{1}{4}$ x 16 $\frac{1}{2}$ x 13 $\frac{3}{5}$ ". Speakers, 17 x 10 x 5 $\frac{1}{2}$ ". U.L. listed. 13-1215 229.95



Matching Speakers Include Pre-Wired Cords and Connectors for Easy, Plug-In Hookup

MINI MUSIC SYSTEMS: IDEAL FOR THE YOUNGSTERS

AM/FM Stereo With Record/Play Cassette and Matching Speakers



**NEW '85
FOR**

119⁹⁵

USE YOUR



**Add This 2-Speed
Changer Anytime**



69⁹⁵

Realistic LAB-79. With ceramic cartridge, dust cover. Plugs into aux input. (See page 17 for details.)
42-2985 69.95

- Matching Wide-Range Speaker Systems ■ 5-Segment LED Audio-Level Meter
- Slide-Action Bass, Treble, Balance and Volume Controls ■ Aux Input

Realistic Clarinette®-67. Compact "first system" fits almost anywhere. Records tapes directly off-the-air or "live" with optional mikes. Cassette has built-in auto-level recording, auto-stop, 3-digit tape counter, pause control and LED record indicator. Tuner has automatic stereo/mono switching and LED FM stereo indicator. Amplifier with LED power-on indicator, 1/8" mike jacks, 1/4" headphone jack. Walnut vinyl finish. Receiver: 9 13/16 x 13 1/2 x 8 7/16". Two 5" speakers in 9 13/16 x 7 2/3 x 8 7/16" enclosures. U.L. listed. 13-1218 119.95

Low-Cost Stereo Phono System With Wood Speaker Enclosures



59⁹⁵

- Left, Right Volume Controls
- Matching Full-Range Speakers Separate Up to 18 Feet

Realistic® Clarinette-15. Two-speed manual phono plays both 45 and 33 1/3-RPM records. Has built-in 45-RPM adapter, sapphire stylus, 1/4" headphone jack and removable dust cover. Two 6 x 2" speakers in 10 x 8 x 4 1/2" cabinets with walnut vinyl veneer. 6 1/8 x 13 1/4 x 10". U.L. listed. 13-1119 59.95

Kiddie Phono With Built-In "Strawberry" Mike

**NEW '85
FOR**

27⁹⁵

Plays 33 1/3 and
45-RPM Records



Kids will love hearing their own voices along with their favorite records. Two-speed phono with built-in speaker, volume control, on/off power switch. Durable 3 1/4 x 11 3/8 x 9" cabinet case folds for easy storage. U.L. listed. 13-1123 27.95



Manual Phono With Sing-Along Microphone

39⁹⁵

"Grownup"
Features
For Rising
Young Stars



Top-mounted 3" speaker, dust cover, tubular tonearm, volume control, molded base. 33 1/3, 45-RPM. 4 3/4 x 13 x 9". U.L. listed. 13-1117 39.95



VALUES IN WIRELESS MIKES AND PA PORTABLES

Wireless FM Mini Tie-Clip Mike



19⁹⁵

- Transmits to Any Standard FM Radio
- Tunable 88-108 MHz

High-quality mike transmits up to 250 feet outdoors. Has built-in tie clip for added convenience. 1³/₄ x 3¹/₄ x 5¹/₈". FCC type accepted. Includes tuning tool, battery, instructions. 33-1076 19.95

Complete 2-Piece Wireless FM Mike System

NEW '85 FOR

69⁹⁵

- Clip-On Electret Mike
- Crystal-Controlled Transmitter
- Dual Conversion Receiver
- Use With PA or Hi-Fi Amp or Video Camera



Hands-free talking and freedom of movement for lecturers and instructors. Transmitter has off/standby/talk switch, LED battery-test indicator, belt clip. Receiver has ceramic filter and auto-squelch for clean reception, LED "on" and "ready" indicators, line and mike jacks and level control. System response, 70-10,000 Hz. 49 MHz. Transmitter (2³/₈ x 3³/₄ x 7¹/₈") requires "AA" battery. Receiver (2¹/₄ x 6³/₄ x 5¹/₄") for U.L. listed AC operation or external DC source. 32-1221 69.95
12VDC Power Cord. 270-1534 4.99

Up to
200-Foot
Range

Portable 12-Watt Speaker System



99⁹⁵

USE YOUR
**Radio Shack
CITILINE**
TELEPHONE

- Add a Mike for a Complete PA System
- 6¹/₂" Woofer
- 1¹/₄" Tweeter

Realistic MPS-20. Amplifies your instruments with virtually no distortion. Aux jack accepts high level sources or tape deck; mixes with mike input. Volume, tone controls. Rugged design metal corner protectors, carry handle. 11¹/₂ x 9 x 6⁵/₈". U.L. listed AC operation or 12VDC with optional adapter. 33-2028 99.95
12VDC Cord. 270-1534 .. 4.99

Wireless Microphone System With Combination Receiver/Amplifier

TANDY ADVANCED TECHNOLOGY SERIES
Radio Shack
AND AFFORDABLE TOO

139⁹⁵

USE YOUR
**Radio Shack
CITILINE**
PHONE CARD

- Up to 200-Foot Range
- 10-Watt Amplified Speaker
- Perfect for Lecturers, Speakers

Transmitter with electret tie-clip mike, volume control, on/off/standby switch. Receiver/amp has dual-conversion and ceramic filter, 6.3" speaker in a ruggedized portable enclosure measuring 14³/₁₆ x 10⁵/₁₆ x 6³/₄". 49 MHz. U.L. listed AC operation or 12VDC with optional adapter. Transmitter (2³/₈ x 3³/₄ x 7¹/₈") requires "AA" battery. 32-1225 139.95
12VDC Power Cord. 270-1534 4.99



Low-Cost One-Watt System



17⁹⁵

The Ideal
Take-Along

Realistic Amplified Speaker System. Portable sound wherever you need it! Tone and volume controls, 1¹/₈" mike and aux jacks. 21¹/₁₆ x 5 x 3¹⁵/₁₆". Requires four "C" batteries or AC adapter. 32-2031 17.95
U.L. Listed AC Adapter. 273-1454 5.95

Hand-Held PA Megaphone



39⁹⁵

Handy Thumbwheel
Volume Control

Powerhorn®. A completely mobile PA system that's ideal for sporting events, picnics, rallies. Makes your voice intelligible up to 300 feet away. Requires eight "AA" batteries. 32-2029 39.95

PA Musical Powerhorn



39⁹⁵

- 94 Built-In Tunes
- Program Up to 5 More

Plays everything from college fight songs to pop tunes—great at ball games. Projects voice up to 300 feet, too. With song list, removable shoulder strap, power-on indicator, on/off switch. Requires eight "AA" batteries. 32-2030 .. 39.95

REALISTIC® PA AMPLIFIERS FOR EVERY APPLICATION

Our Best! 100-Watt Amp With Anti-Feedback Control



NEW FOR '85

179⁹⁵

USE YOUR
Radio Shack
CITILINE
CREDIT CARD

- Power Meter Monitors Output Level
- In/Out Jacks for Equalizer and Reverb
- Monitor Overall Mix From Headphones
- Mix Bus Jack for Stacking Extra Amps
- Spring-Loaded Speaker Terminals
- Convenient Cord Storage Posts

Realistic MPA-90. The performance, portability and power you want in a professional PA amplifier! Perfect for large, spacious auditoriums—great for live bands. Four hi/lo impedance mike inputs, each with aux input and Glide-Path® level controls. Two magnetic phono inputs let you mix and fade two turntables. Anti-feedback control eliminates speaker squeals and howls. Master volume control with memory ring, lighted power meter, LED clipping indicator. Overload protected. Metal case. U.L. listed. 32-2024 179.95



Features 1/4" Mike Jacks and XLR-Type Connectors for Using "Pro" Mikes

SPECIFICATIONS. Frequency Response: 30-20,000 Hz. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, quick-connect terminals, two 1/4" jacks for 4 to 16-ohm speakers, 1/4" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4³/₈ x 14¹/₂ x 10¹/₂".

Compact 35-Watt PA Amplifier With Remote Priority Override



99⁹⁵

USE YOUR
Radio Shack
CITILINE
CREDIT CARD

- For Medium-Size Auditoriums, Churches, Paging, Music
- 70-Volt Output for Multi-Speaker Systems

Realistic MPA-35. Superb sound at low cost! Ideal for many PA applications. Three mixable Glide-Path controls for mike-1, mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Remote control terminals for mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, LED power "on" indicator. Metal case. U.L. listed. 32-2027 . . . 99.95

SPECIFICATIONS. Response: 150-12,000 Hz. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16-ohms; 70V line; screw terminals for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 4¹/₂ x 10¹/₂ x 7¹/₂".

20-Watt PA Amplifier Operates on 120VAC or 12VDC for Mobile Use



79⁹⁵

- Accepts Either Hi or Low-Impedance Mikes
- High-Level Phono/Aux Inputs

Realistic MPA-20. The PA amp you can use almost anywhere! Three mixing controls—two mikes and dual-function phono/aux. Master volume and tone controls, LED power indicator. Metal case. Includes mobile mounting bracket, 12VDC power cord with cigarette lighter plug. U.L. listed. 32-2020 79.95

SPECIFICATIONS. Response: 150-20,000 Hz. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16-ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC neg. gnd. Size: 4¹/₂ x 10¹/₂ x 7¹/₂".

SHOP THE SHACK® FOR YOUR COMPLETE PA SYSTEM

"Singer's Choice"



Save
\$85³⁵

Reg. Separate
Items 847.35

762⁰⁰

- MPA-90 Professional PA Amplifier
- Four Cast-Base Microphone Stands
- Four Highball Dynamic Microphones
- Four PA-95 Portable Column Speakers

100-Watt, 2-Mike Club System



Save
\$51⁷⁰

Reg. Separate
Items 516.70

465⁰⁰

- MPA-90 Professional PA Amplifier
- Cast-Base Microphone Stand
- Highball Dynamic Microphone
- 2-Piece FM Wireless Microphone
- Two PA-95 Portable Column Speakers

"Toastmaster's" Special



Save
\$44⁷⁵

Reg. Separate
Items 448.75

404⁰⁰

- MPA-90 Professional PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-95 Portable Column Speakers

Sports Announcer System



Save
\$30¹⁹

Reg. Separate
Items 299.19

269⁰⁰

- MPA-35 PA Amplifier
- Desk Mike Stand
- Super-Cardioid Microphone
- Four 8" Powerhorn Speakers

Meeting Hall System



Save **\$30³⁹**

Reg. Separate
Items 297.39

267⁰⁰

- MPA-35 PA Amplifier
- Two Floor Stands
- Six 10-Watt, 70-Volt Transformers
- Two Cardioid Microphones
- Six 8" Wall-Baffle Speakers

Office Paging System



Save
\$22⁹⁷

Reg. Separate
Items 220.97

198⁰⁰

- MPA-35 PA Amplifier
- Desk Mike Stand
- Six 10-Watt, 70-Volt Transformers
- Cardioid Mike
- Six 8" Speakers
- Six 8" Ceiling Speaker Grilles

Anywhere System



Save
\$21⁸⁰

Reg. Separate
Items 213.80

192⁰⁰

- MPA-20 PA Amplifier
- Folding Microphone Stand
- Highball-7 Microphone
- PA-95 Portable Column Speaker

Low-Cost Paging



Save
\$17¹⁹

Reg. Separate
Items 166.19

149⁰⁰

- MPA-20 PA Amplifier
- Cast-Base Desk Stand
- Highball-2 Dynamic Mike
- Four 8" Wall-Mount Speakers

"On-the-Go" PA System



Save
\$13⁸⁰

Reg. Separate
Items 135.80

122⁰⁰

- MPA-20 PA Amplifier
- Highball-2 Dynamic Mike
- Two 5" Powerhorn® Speakers

Compact Portable System



Save
\$11⁹⁰

Reg. Separate
Items 114.90

103⁰⁰

- MPS-20 PA Speaker/Amplifier
- Highball-7 Microphone

Mike stand not included

Apply for Your Radio Shack/CitiLine Card and Get a Complete PA System Now, With Convenient Monthly Payments

BEST BUYS IN PA SPEAKERS AND ACCESSORIES

High-Power Public Address And Sound Reinforcement Speaker



For Voice or Music in Clubs, Schools, or Stage Shows

NEW FOR '85

99⁹⁵

USE YOUR



Two Heavy-Duty 10" Woofers, Solid-State Piezo Horn Tweeter

Realistic PA-95. You'll get outstanding performance from this high-efficiency speaker system that features controlled sound coverage and smooth extended response from 100-20,000 Hz. 100-watt power handling capacity. 8 ohms. System sensitivity: 95 dB (SPL at 1 W/1 M). Rugged vinyl enclosure with carry handle and protective metal corners. Has 1/4" jack, two spring terminals. 30 x 13 x 8 1/2". 40-1411 99.95

Super Powerhorn® Speaker



NEW FOR '85

41⁹⁵

Extra-Wide 275-14,000 Hz Frequency Response

High-efficiency design for maximum sound fidelity for speech and music. Engineered for years of reliability. Weatherized molded housing, metal swivel base. 40 watts. SPL: 110 dB (1W/1M). 11 x 6 1/2 x 8 1/2". 40-1251 41.95

Multi-Purpose Powerhorns



A

29⁹⁵

8" Horn

12⁹⁵

4" Horn

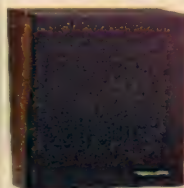
These weatherized PA, music and paging speakers are waterproof, dustproof, shockproof and resist rust for years of quality performance, indoors or out. Choose the size that's right for your application. All 8 ohms, include mounting bracket.

A 8" Horn. 15 watts. 40-1239 29.95

B 5" Horn. 8 watts. 40-1236 17.95

C 4" Horn. 5 watts. 40-1244 12.95

8" Wall Speaker/Baffle



14⁹⁵

For PA or music. Mounts easily on wall. Handy built-in volume control. 8 ohms. Walnut vinyl finish. 10 3/4 x 10 3/4 x 4 3/4". 40-219 14.95

In/Outdoor Speakers

Low As **7⁹⁹**

Keyhole slots and hardware for easy wall mounting. Moisture-proof. 8 ohms.

D 4". 4 3/4 x 5 1/2 x 3". 40-1227 7.99

E 6 1/2". 4 1/4 x 8 1/4 x 3 7/8". 40-1248 19.95



Portable Folding and Cast-Base Mike Stands

17⁹⁵

Both Have Standard 5/8"-27 Thread
Easy-to-Adjust
Sure-Grip Clutch

18⁹⁵



F Heavy-duty chromed tube adjusts quickly from 34" to 64". Low-profile black cast-iron base has protective rubber feet. 33-320 17.95

G Ideal for portable PA or recording mikes. Positive action clutch adjusts instantly from 32" to 57". Folding legs with protective rubber feet. 33-325 18.95

70V Line Transformer



3⁹⁹

Taps: 10/5/
2.5/1. 25/0.62
watts. For 4/
8/16 ohm.
32-1031 3.99

A3F-1/4" Plug Adapter

9⁹⁵



Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 9.95

1/4" Jack-A3M Plug Adapter

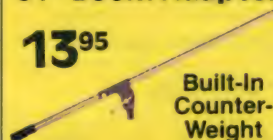
8⁹⁵



With built-in high-Z unbalanced to low-Z balanced transformer. 274-017 8.95

31" Boom Adapter

13⁹⁵



Built-In Counter-Weight

Chromed tube, length/angle adjustments. 5/8"-27 threads. 33-344 13.95

Clamp-On Adapter

3⁹⁹



Holds regular mike or clamps to stand for side mounting. 5/8"-27 threads. 33-372 3.99

Slip-In Mike Stand Adapter

2⁴⁹



Design holds most mikes. For use with 5/8"-27 thread. 33-371 2.49

Desk Mike Stand

6⁴⁹



Padded Feet

Cast base with 4" chromed tube. 5/8"-27 thread. 33-370 6.49

13" Gooseneck

4²⁹



It's Flexible

Position mike in any direction. 5/8"-27 thread. 33-330 4.29

5/8" Screw Flange

2¹⁹



Die-Cast

Attach mike to desk or lectern. 5/8"-27 thread. 33-332 2.19

AUDIO ACCESSORIES THAT PUT YOU IN CONTROL

Pro-Quality Stereo Mixing Console



119⁹⁵



- Lighted Meters
- Three Mike "Pan" Pots
- 7 Glide-Path® Fader Controls

Use this professional audio console to tape from multiple sources, control audio at "live" performances, or blend up to two magnetic or ceramic turntables, two tape decks, and three mikes. "Pan" pots adjust each mike's apparent position in the stereo image. Cross fader, master fader, separate jacks for tape recording and main output, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons, mono/stereo switch. Response: 10-30,000 Hz. 2³/₄ x 10³/₄ x 8¹/₂". U.L. listed AC operation. 32-1200 119.95

Our Finest Stereo Audio Mixer

149⁹⁵

NEW '85 FOR



- Six Inputs With Separate EQ Controls
- Six "Pan" Pots



Our sophisticated new audio console is ideal for "live" recording, mixing tape recordings, PA mixing, even stereo/mono VCR recording. Six mike inputs, plus six line inputs with individual EQ controls that adjust bass/treble response. Features master balance and volume controls, seven Glide-Path controls, dual lighted VU output power meters, stereo headphone output with independent monitor level. Response: 10-30,000 Hz. 2¹/₂ x 12³/₈ x 8". U.L. listed. 32-1210 149.95

Stereo Mike/Tape/Phono Mixer



69⁹⁵

- Mix a Tape Deck, Mike and Two Turntables
- Headphone Monitoring

Features five Glide-Path controls, dual VU meters, magnetic/ceramic phono inputs, cue/monitor, 1/4" mike jacks. 20-20,000 Hz. 2³/₄ x 10¹/₂ x 7¹/₂". Requires four "AA" batteries. 32-1100 69.95
AC Adapter. U.L. listed. 273-1454 5.95

Low-Priced Stereo Mike/Line Mixer

24⁹⁵

- Mixes Up to Four Mikes or Line Inputs Simultaneously



Our most affordable mixer is ideal for recording like a professional from multiple sources or adding extra inputs to a public address system. Features four Glide-Path controls for precise level setting, stereo/mono switch for best sound from any source, battery-test pushbutton with LED indicator and a mike level output control. 2³/₄ x 8³/₄ x 5". Requires 9V battery. 32-1105 24.95

Amazing Electronic Reverb System



39⁹⁵

- Adjustable Delay (5-95ms), Depth, Mike Level and Repeat Glide-Path Controls

Add echo and reverberation effects to "live" vocals, recordings, or musical instruments. Works with tape decks, PA or guitar amps. Jacks for line in, line out and 1/4" mike in/out. 2¹/₂ x 6⁵/₈ x 4³/₄". Requires six "AA" batteries. 32-1110 39.95
AC Adapter. U.L. listed. 273-1455 6.95

5-Band Frequency Equalizer

NEW '85 FOR

29⁹⁵

- Tailor PA Sound Indoors or Out
- Record Like a Pro



Compact, yet loaded with features. Five Glide-Path controls boost/cut response up to 12 dB at 60, 240, 1000, 3000 and 10,000 Hz. Gain control, EQ/bypass switch, mike in/out and line in/out jacks. 20-20,000 Hz. 1³/₁₆ x 7¹/₁₆ x 5". Requires six "AA" batteries. 32-1115 29.95
AC adapter. U.L. listed. 273-1455 6.95

See Our Complete Line of Audio and Public Address Equipment and Accessories

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

More for Your Money! Dolby* B NR, Auto-Reverse, Auto-Search, Fader



NEW
FOR '85

149⁹⁵



- 30 Watts ■ Automatic Tape Eject When Ignition Key is Turned Off
- Front-to-Rear Speaker Fader ■ Metal-CrO₂/Standard Tape Selector

Fifteen watts per channel give you sensational sound with wider dynamic range, deeper bass and cleaner treble. Auto-reverse plays the other side of cassettes, without ejecting. Pushbutton auto-search music system takes you to the beginning of the next tape selection or returns you to the start of the one that's playing. Direction-change button plus locking fast-forward and rewind controls help you find tape selections. Dolby-B noise reduction system for hiss-free sound with Dolby tapes. Loudness control improves fidelity when you listen at low volume. Stereo/mono control for better reception of distant FM stations. Separate bass and treble controls. 12-1913 149.95

*TM Dolby Laboratories Licensing Corp.

Auto-Reverse, Fader and a Built-In Five-Band Graphic Equalizer



NEW
FOR '85

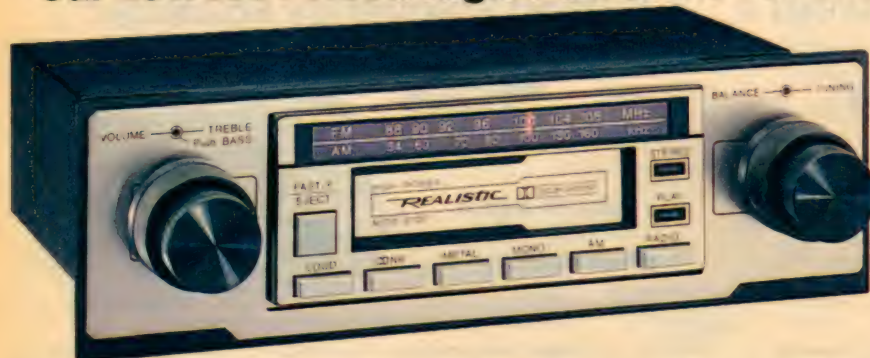
139⁹⁵



- 24 Watts ■ Front-to-Rear Fader ■ FM Stereo/Mono Control
- Tape Release When Key is Turned Off ■ Loudness Control

Twelve watts per channel plus an equalizer to customize your sound. More versatile than ordinary tone controls. You can bring out more bass or reduce tape hiss without losing all the treble in the music—even fine-tune your speakers. Slide-action controls boost or cut response up to 10 dB at 60 Hz, 250 Hz, 1 kHz, 3.5 kHz and 10.0 kHz. Auto-reverse plays other side of tapes. Metal-CrO₂/standard tape selector. Locking fast-forward and rewind. Reversible trimplate—silver color on one side, walnut grain on other. 12-1914 139.95

Our Lowest-Priced High-Power Model Gives You Most-Wanted Features



NEW
FOR '85

99⁹⁵



- 24 Watts ■ Dolby B NR ■ Separate Bass and Treble ■ Auto-Stop

Twelve watts per channel and deluxe features at a price much lower than you would expect for this level of performance. Dolby B noise reduction silences hiss and expands the dynamic range on Dolby cassettes. Auto-stop at end of tape in the play mode helps prevent damage to tapes. Metal-CrO₂/standard tape selector for best sound from all tapes. Locking fast-forward. Loudness control boosts bass and treble for improved sound when you listen at low volume. FM mono/stereo selector for superior fringe-area reception. 12-1911 99.95

Models on pages 60, 61 and 62 have a switched power lead for accessories. Include everything you need for a standard in-dash installation. See page 62 for installation information and pages 66-67 for speakers.

HIGH-POWER IN-DASH STEREO, OUR BEST EVER!

Top of Our Line! Dolby® B, Computer-Memory Tuning and Auto-Reverse

NEW '85
FOR

249⁹⁵

AS LOW AS



\$26 PER
MONTH



- 30 Watts ■ Dolby B Noise Reduction ■ LED Time/Station Display
- Memory for 12 Stations (6 AM, 6 FM) ■ Automatic Station Search

Fifteen watts per channel is only the beginning. Our finest-ever in-dash model has a crystal-controlled, digital-synthesized tuner that actually locks in stations. The display shows exact station frequency and quartz-locked time. Manual tuning and automatic station search in addition to the 12-station memory. Dolby B system cuts hiss on Dolby cassettes. Auto-reverse plays other side of tapes, without ejecting. Locking fast-forward and rewind. Automatic tape release when ignition is turned off. Separate bass and treble. Metal-CrO₂/standard tape selector. Loudness control. 12-1909 249.95

*TM Dolby Laboratories Licensing Corp.

Computer-Memory Tuning, LED Station/Time Display and Auto-Search

NEW '85
FOR

199⁹⁵

USE YOUR



- 24 Watts ■ Separate Bass and Treble Controls ■ Loudness Control

Twelve watts per channel for superb sound plus a 12-station memory (six AM, six FM) for easy tuning. It also has convenient automatic station search and manual tuning. LED display shows exact station frequency and accurate time. The digital-synthesized tuner is drift-proof. A precision quartz crystal locks it at the center of each channel. Local/DX switch and automatic stereo/mono switching for superior FM in fringe areas. Automatic tape release when ignition is turned off. Metal-CrO₂/standard tape selector. 12-1908 . . . 199.95

"Universal" Size With Auto-Reverse, Auto-Eject and Pushbutton Radio

199⁹⁵

USE YOUR



- 30 Watts ■ Fits Almost All Imported and Domestic Cars
- Pushbutton Presets for Five Stations ■ FM Signal Enhancer IC

Fifteen watts per channel for audio quality that rivals many home stereos. FM stereo/mono switch plus a special dynamic signal enhancer IC dramatically improve FM reception in weak-signal areas. Separate bass and treble controls. Cassette auto-reverse. Locking fast-forward and rewind. Automatic tape eject when ignition is shut off. Line-out jack lets you add an external power amplifier. Includes two reversible trim plates with wood-grain or silver color finish to match virtually any car. 12-1902 199.95

See Important In-Dash Installation Information on Page 62

AM/FM STEREO CASSETTES—THREE BIG VALUES

In-Dash, Auto-Reverse Cassette Puts Great Stereo in Almost Any Vehicle

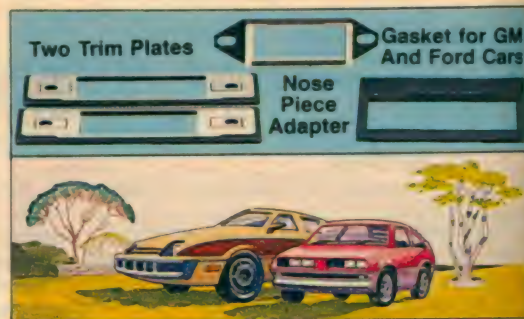


109⁹⁵

USE YOUR
Radio Shack
CITILINE
CARD

- Mini Size—Fits Imports
- Locking Fast-Forward and Rewind
- Mono/Stereo Button for Best FM Reception

One of our most popular models, with excellent sound and easy operation. Convenient auto-reverse system plays both sides of cassettes automatically. The program button takes you to the other side of the tape, without ejecting it. Switched power lead for accessories such as an automatic antenna. LED indicators for stereo FM and tape direction. Separate buttons for locking fast-forward and rewind, manual eject, radio on/off, AM/FM selection. 8 watts total output. 12-1906 109.95



Easy to Install in Big or Small Vehicles

Everything you need for a professional-looking fit! Includes two trim plates: One is for import/compact cars, the other for standard-size cars. A nosepiece adapter and rubber gasket are provided for dash mounting in GM and Ford makes.

Mini-Size Mounts In or Under Dash



79⁹⁵

- Auto-Stop at End of Tape
 - Metal/CrO₂/Standard Tape Selector
- Ideal for
GM X-Body
Cars

Small size and price only! This is a dependable performer with a locking fast-forward/manual eject control and stereo/mono button for best reception of distant FM stations. Tape "on" and FM stereo indicators, lighted dial, switched power lead for accessories. Mounts vertically or horizontally. Includes nosepiece and under-dash bezel. 8 watts total output. 12-1907 79.95

In-Dash AM/FM Stereo Cassette



**NEW LOW
PRICE!**

59⁹⁵

Was \$89.95
in 1984 Catalog

- DIN-Size ■ Auto-Stop at End of Tape
- Stereo/Mono Switch for Best FM

Superb sound and in-dash security—now even more affordable! Player starts when a cassette is inserted, stops automatically at end of tape. Pushbutton locking fast-forward/eject, lighted dial, tape and FM stereo indicators. Rotary volume, tone, balance and tuning controls. 8 watts total output. 12-1880 59.95

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nosepiece Size (H x W x D)		Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1880✓	DIN	1 3/4 x 7 3/32 x 4 9/16	44 x 180 x 116	1 11/16 x 4 9/16 x 1 3/16	43 x 116 x 30	5 1/8 to 6 5/16	130 to 160
12-1902✓	DIN/Univ.*	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 3/4 x 3 3/5 x 1	40 x 90 x 24.5	5 to 5 13/16	124 to 148
12-1906✓	Mini/Univ.*	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 2/3 x 3 3/4 x 1 3/8	41.5 x 93 x 35	5 to 5 13/16	125 to 148
12-1907✓	Mini	1 3/4 x 6 1/4 x 4 1/2	44 x 159 x 114	1 11/16 x 3 3/5 x 1 1/16	39 x 90 x 27	4 7/8 to 5 1/8	124 to 130
12-1908✓	DIN	1 3/4 x 7 1/16 x 5 1/8	44 x 178 x 130	1 21/32 x 4 1/8 x 1 3/8	42 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1909✓	DIN	1 3/4 x 7 3/32 x 6	44 x 180 x 150	1 11/16 x 4 3/16 x 1 3/4	42.5 x 106 x 40	5 1/8 to 6 1/4	130 to 158
12-1911✓	DIN	1 3/4 x 7 3/32 x 5 5/16	44 x 180 x 135	1 21/32 x 4 1/8 x 1 3/8	42 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1913✓	DIN	1 3/4 x 7 3/32 x 5 1/8	44 x 180 x 130	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 5 13/16	130 to 148
12-1914✓	DIN	1 3/4 x 7 3/32 x 5 5/16	44 x 180 x 135	1 11/16 x 4 3/16 x 1 15/32	42.5 x 106 x 37	5 1/8 to 6 1/4	130 to 158

(DIN) size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. **(MINI)** fits smallest Japanese cars, most domestic compacts and subcompacts. **(*)** Includes Ford/GM rubber gasket for nosepiece. **(*)** Fits standard and import-size cars. **GENERAL INFORMATION:** All players include ample speaker cable, mounting hardware, illustrated instructions, trim plates and nosepieces. For 12 VDC negative ground only. **CAUTION:** Do NOT use high-power players with common ground (3-wire) speaker wiring or switches. **NOTE:** 6 5/16" (160 mm) shaft spacing is standard for most domestic trucks.

UNDER-DASH CASSETTES, 8-TRACK AND AM/FM

Auto-Search and Auto-Reverse

With Dolby *B NR and Auto-Reverse



69⁹⁵

- Auto-Search Music System Makes It Easy to Find Tape Selections
- Convenient Auto-Reverse Plays Both Sides of Cassettes Automatically

What a value! This compact player gives you the two handiest cassette features at an incredible low price. Auto-search lets you advance a tape to the start of the next selection or replay a selection with the touch of a button. Separate locking fast-forward and rewind plus slide-action volume, tone and balance controls make it easy to operate while you drive. Also has LED indicators for tape direction and auto-search "on". Manual stop/eject button. 1⁹/₁₆ x 5¹/₂ x 6". 8 watts total output. 12-1980 69.95



*TM Dolby Laboratories Licensing Corp.

99⁹⁵



- 24 Watts Total Output Power
- Auto-Search Music System Helps You Find Cassette Selections Quickly
- Metal/CrO₂/Standard Tape Selector

Our best under-dash cassette gives you three times the power of most players—and that's just the beginning! Dolby Noise Reduction system dramatically reduces tape hiss and auto-reverse plays both sides of cassettes automatically. The auto-search, locking fast-forward and rewind, and direction-change buttons help you find selections in seconds, not minutes. Also features separate slide-action bass and treble controls, 1/8" jack for stereo headphone, LED indicators for tape direction and Dolby. 2 x 5⁷/₈ x 6¹/₂". 12-1982 99.95

"Mini" Cassette Fits Anywhere



59⁹⁵

Perfect for Sports Cars, Subcompacts And Imports

Fine sound that's easy to mount under dash, in glove compartment or center console. Features end-of-tape auto-stop with LED indicator, convenient locking fast-forward and slide-action volume, balance and tone controls. Only 1³/₄ x 5¹/₄ x 5⁵/₁₆". 8 watts total output. 12-1803 59.95

Our Lowest Priced Stereo Cassette

37⁹⁵

Compact—Fits Where Others Will Not Go



Small in size and price, yet has all the basic features and surprisingly good sound. Features auto-stop at end of tape in play mode, locking fast-forward, pushbutton eject, slide-action volume, tone and balance controls. Only 1⁵/₈ x 5⁹/₁₆ x 5¹/₄". 8 watts total output. 12-1807 37.95

Versatile AM/FM Radio



- Built-In Speaker
- Jack for External Speaker

47⁹⁵

Mounts in or under dash. FM local/DX and hi/lo tone switches, lighted dial. Compact DIN size. 1⁷/₈ x 6⁵/₈ x 4⁷/₈" (48 x 168 x 124 mm). 12 VDC pos. or neg. ground—ideal for trucks. 12-1353 47.95

8-Track/Cassette Adapter

Play Cassettes On Any 8-Track



34⁹⁵

Just insert like an 8-track cartridge to instantly adapt any 8-track equipment for playing stereo cassettes. Features locking fast-forward control and pushbutton eject. 1³/₄ x 4³/₄ x 9⁷/₈". 12-1875 34.95

Space-Saver Stereo 8-Track

39⁹⁵



- Sleek Styling
- Slide-Action Controls
- Just 6-7/8" Deep

Fits under dash of the smallest cars, in glove-box or console. Pushbutton program change with LED indicators, slide-action volume, tone, balance, IC amplifier. 2¹/₂ x 4³/₄ x 6⁷/₈". 8 watts total output. 12-1800 39.95

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete illustrated instructions. All except #12-1353 are for 12 VDC negative ground only.

GIVE YOUR AUTOSOUND SYSTEM A QUALITY BOOST

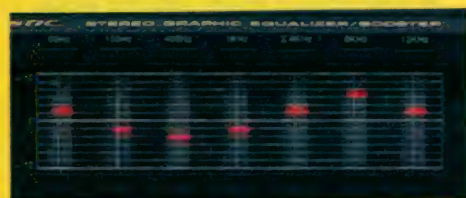
80-Watt Graphic Stereo Equalizer/Booster



NEW '85
FOR

99⁹⁵

Graphic LED Equalization Display



Two up-down pushbuttons for each band let you boost or cut the frequency response in precise 2 dB steps with each tap. You can "tap up" or "tap down" 12 dB and see your tonal adjustments change, as you make them, on the 84-LED display. You get much more control than with ordinary equalizers!

Available Nov. 15, 1984

- 7-Band, 14-Pushbutton Equalizer
- 10-Segment LED Power Indicator
- Mounts Easily Under Most Dashes

Our best! 40 watts per channel plus complete tonal control to dramatically improve your existing autosound system! Fourteen pushbuttons boost or cut in bands centered at 60, 150, 400, 1000, 2400, 6000 and 12,000 Hz. Rotary volume and fader controls. LED power "on" indicator, phono-type input/output jacks, bypass button. Only 1% total harmonic distortion at 65 watts. 1⁹/₁₀ x 6³/₈ x 6¹/₂". 12-1870 99.95

40-Watt Stereo Frequency Equalizers and Boosters



NEW LOW
PRICE!

Was \$69.95 in
1984 Catalog

59⁹⁵

NEW LOW
PRICE!

Was 59.95 in
1984 Catalog

54⁹⁵

34⁹⁵

19⁹⁵

NEW '85
FOR

Improve your present system! These equalizers give you total tonal control by letting you boost or cut response by up to 12 dB. All greatly expand dynamic range. Only 1% THD at 30 watts.

Seven Bands With Fader

[A] Slide-action controls for bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Fader control for 4-speaker systems. Ten-LED power meter. Inputs for additional autosound components. 2 x 5¹/₂ x 6". 12-1862 59.95

Five Bands With Fader

[B] Thin-line design fits under any dash. With band centers at 60, 250, 1000, 3500 and 12,000 Hz. Four-speaker fader control. Five-level LED power meter. 1³/₁₆ x 5⁷/₈ x 4³/₄". 12-1865 54.95

Five Bands, Low Price

[C] Our lowest priced booster/equalizer! Perfect for two-speaker systems. Band centers: 60, 250, 1000, 3500 and 12,000. LED power "on" indicator. 2 x 5¹/₄ x 6". 12-1868 34.95

40-Watt Power Booster

[D] Tiny, yet powerful! Fits quickly and easily under any dash. LED power "on" indicator. Only 1 x 4³/₁₆ x 4⁵/₁₆". 12-1869 19.95

Compact FM Converter



24⁹⁵

Adds FM to your AM car radio. No rewiring. Uses existing AM antenna. Lighted dial. Fits under dash. 1⁹/₁₆ x 4 x 5¹/₄". 12VDC neg. gnd. 12-1350 24.95

Plug-In
Hookup

Compact FM Signal Booster

19⁹⁵

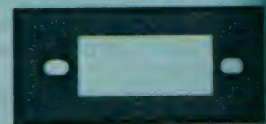


Six-dB boost improves car FM reception. Plug-in installation. Dual-polarity, 12VDC pos. or neg. gnd. 1 x 3 x 2⁹/₈". 12-1873 19.95

In-Dash Installation Kit

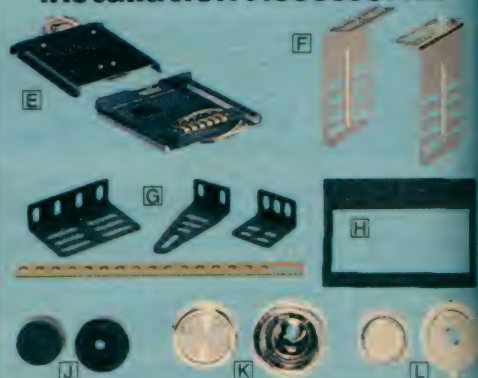
9⁹⁵

Fits 15 Different
GM Models



Makes it easier to install autosound in 1982-84 A, F, J and S-body vehicles. With mounting panel, eight molded brackets, complete instructions. 12-1359 9.95

Installation Accessories



[E] Under-dash Slide-Mount Bracket. Two-piece slide-on/off mount with built-in electrical connectors, color-coded leads. 18-gauge steel. 270-016 8.95

[F] Universal L-Brackets. Fit most vehicles and equipment. Hardware included. 270-022 Pair/2.49

[G] Universal Brackets. Three different sets with back support/ground strap plus hardware. Black. 270-023 Set/2.99

[H] Trim Gasket. For in-dash mounting of car stereo units in many late-model GM and Ford cars. 270-036 1.29

Knobs. Two inner and two outer knobs fit both "D" and split control shafts.

[J] Import. Black. 274-425 Set of 4/1.79

[K] Standard. Chromed finish. 274-426 Set of 4/2.99

[L] Low-Profile. Chromed finish. 274-427 Set of 4/2.99

VALUES IN AUTOSOUND ANTENNAS & ACCESSORIES

Quality AM/FM/FM Stereo Antennas



We Have the Antenna
You Need—For New
Or Replacement Use

- A Ford Antenna.** For 1967-'81 models with four-screw mounting. 31" stainless steel whip, 72" cable. 12-1305 8.99
- B Universal "8 Ball".** For top cowl or fender mount. Three sections extend 21 1/4 to 55" Adjusts to 35° 12-1306 5.39
- C Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three-section whip extends from 25 3/8 to 55" Adjusts to 90° 48" cable. 12-1307 7.99
- D Heavy-Duty RV/Van/Pickup Antenna.** For fender, roof, side panel. Three-section stainless steel whip, 25" to 60" Chromed swivel base, 84" cable. 12-1319 14.99
- E Universal Pillar Mount.** Three-section whip, 19 1/2 to 51" Cable, 61" Mounting hole spacing: 2 1/2" to 18" Fits most Japanese makes except Honda. 12-1320 6.99
- F Replacement Whip.** Instantly installs over "stub" of broken antenna. 31" stainless steel. 12-1316 4.99
- G One-Piece Mini.** For cars with narrow fenders. Requires 1 3/16" mounting hole. 31" stainless steel whip. 54" lead-in cable. 12-1322 6.99
- H Antenna.** 31" stainless steel for top cowl or fender mounting. 48" cable. 12-1329 8.99

Extension Cables And Connectors



- J 12-Ft. Inline Extension.** Motorola-type plug on one end, jack on the other. Built-in capacitor. 12-1311 3.99
- K 24" Inline Extension.** Male connector at one end, female at the other. 12-1312 1.49
- L Universal 3-Way Connector.** Two Motorola-type jacks to one plug. Couples two antennas to one radio or one antenna to two radios. 12-1313 1.99
- M 24" Male-to-Male Extension Cable.** 12-1314 1.49

Cigarette Lighter Plugs, Cords and 12VDC Outlets



- N 10-Ft. Extension Cord.** For powering accessories. 8 amps. 270-1536 4.99
- O Lighter Plug.** Connects accessories easily. Fits standard lighter socket. 274-331 1.09
- P Heavy-Duty Fused Lighter Plug.** Requires 3AG fuse up to 7 amps. Solder type. 274-335 1.79
- Q Lighter Plug With Cord.** Rated 8 amps. Eight-foot cord. 270-021 2.19
- R Accessory Outlet.** For 12VDC equipment. Mounts in or under dash. 270-1539 4.99
- S 2-Outlet Y-Adapter.** Power two 12VDC accessories from lighter. 8 amps. 270-1535 4.99

Automotive Lighting Relay



4⁹⁹

NEW FOR '85 Heavy-Duty Design

Ideal for controlling high-power lighting or for switching Ham radio mobile power supplies and high-current auto accessories. SPST rated 30 amps at 12VDC. 12VDC coil. Mounting bracket. 275-225 4.99

SPST Auto Panel Switches



All Switch Panels Include Mounting Hardware

- T Dual Switch and Light Panel.** Rated 10 amps at 12VDC. Includes two 12V long-life lamps. 275-707 4.99
- U Lighted Rocker Switch Panel.** Rated 20 amps at 12VDC. Quick-disconnect terminals. 275-704 3.99
- V Single Switch and Light Panel.** Five-amp switch with 12VDC lamp assembly and red lens. 275-703 2.99
- W Dual Switch Panel.** Two toggle switches rated five amps at 12VDC. 275-702 2.79

AM/FM Power Antenna

Retracts Under Fender



32⁹⁵

- Prevents Vandalism
- Requires Only 1 1/4" Depth in Fender

Just switch it on and the stainless steel mast extends to full 39" height in 3.5 seconds. Fits most cars and trucks. Semi-automatic. Manual switch included. With cable, power lead. 12VDC neg. gnd. 12-1323 32.95

Gutter-Mount Antenna

6⁹⁹

Installs Easily on Most Trucks or Vans



Ideal for truckers and company-car drivers who need a removable AM/FM antenna. Mounts quickly and securely on rain gutter. Wing screw for fast removal. Three-section whip extends to 29 1/2". Includes 78" cable with plug. 12-1324 6.99

Windshield Antenna



NEW FOR '85

Easy to Install

3⁹⁹

No holes to drill! Thin, transparent antenna tape attaches to windshield. Saves you money when replacing a windshield with built-in antenna. With cable, fender cap. 12-1325 3.99

Plug-In Car Lamps



Only 3⁹⁹ Each



- X Magnet Utility Light.** Attaches to hood, trunk or auto body. Plugs into cigarette lighter. 12-foot retractable cord. 12VDC. 61-2502 3.99
- Y Flexible Map Light.** Compact—stores in glove box. Plugs into cigarette lighter. 5"-long neck. On/off switch. 12VDC. 61-2501 3.99

Radio Shack—64 Years of Value, Service and Reliability

HIGHWAY HI-FI—MATCHED STEREO SPEAKER PAIRS



3-Way 5 1/2" Flush-Mount Speaker Systems

69⁹⁵
Pair

80 Watts Power Handling Capacity

This deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Boasts individually mounted 5 1/4" woofer, 2 1/2" midrange and 2" tweeter, with electronic crossover. Fits standard 6 x 9" cut-out. 2 3/4 x 9 3/4 x 6 3/4". 12-1854 Pair 69.95

Our Best 3-Way 6 x 9" Flush-Mount

99⁹⁵
Pair

120 Watts Power Handling Capacity

- 6 x 9" Moisture-Resistant Woofer
- 3" Midrange ■ 1 3/4" Tweeter

Superb flush mounts deliver full-range sound to 18,000 Hz. 20-oz. magnets for great bass response. Mesh grilles. No retainer rings required. 12-1857 Pair 99.95



2-Way 5 1/4" Surface-Mount

59⁹⁵
Pair

60 Watts Power Handling Capacity

These superb speakers feature individually mounted 5 1/4" woofer and 2" tweeter, electronic crossover network. Open-mesh grilles. 3 x 9 1/2 x 6 1/4" molded housings. 12-1853 .. Pair 59.95

3-Way 5 1/4" Flush-Mount

60 Watts Power Handling Capacity

59⁹⁵
Pair

High-powered hi-fi sound. Big 5 1/4" air-suspension woofer and 20-oz. magnet, 1" voice coil, 2" midrange, 1" horn tweeter, with electronic crossover network. No retainer rings required. 12-1856 Pair 59.95



Snap-On Metal Grilles

Small 2-Way Surface-Mount



Available
Oct. 30, 1984

30 Watts Power Handling Capacity

Compact, yet delivers remarkable wide-range autosound. Boasts individually mounted 3" woofer and 2" tweeter. Wedge-shaped construction mounts anywhere. Open-mesh grilles. 3 3/4 x 5 3/4 x 4 1/4". 12-1701 Pair 29.95

Space-Saving 5 1/4" Flush-Mount



Moisture Shields Included

29⁹⁵
Pair

40 Watts Power Handling Capacity

Only 1 1/4" deep—mount easily in door panels or anywhere space is shallow. Metal grilles. No retainer rings required.

12-1855 Pair 29.95

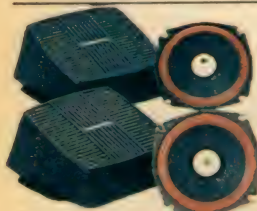
Compact 4" Flush-Mount

29⁹⁵
Pair

40 Watts Power Handling Capacity

Perfect size for imports and compacts. Dual-cone design, with 6.5-oz. magnets. No retainer rings required.

12-1858 .. Pair 29.95



Budget 5 1/4" Surface-Mount

17⁹⁵
Pair

20 Watts Power Handling Capacity

Wide-response dual-cone speakers, with 4 1/4-oz. magnets, mounted in durable molded housings. Easy to install/remove for re-mounting again. 12-1844 Pair 17.95



5 1/4" Flush-Mount

17⁹⁵
Pair

Available Oct. 30, 1984

20 Watts Power Handling Capacity

Wide-response dual-cone speakers with 4.3-oz. magnets. No retainer rings required. Snap-on metal grilles. 12-1702 Pair 17.95



Compact 3" Surface-Mount

11⁹⁵
Pair

20 Watts Power Handling Capacity

An economical way to add fine sound to any car! Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavy-duty ceramic magnets. 12-1852 Pair 11.95

Space-Saving 5" Flush-Mount

20 Watts Power Handling Capacity

11⁹⁵
Pair

Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Molded vinyl grilles. 12-1851 Pair 11.95



REALISTIC® QUALITY SPEAKERS AND ACCESSORIES

Car Piezo Super-Tweeter With Volume Control



NEW
FOR '85

12⁹⁵
Each

75 Watts
Power Handling
Capacity

High-performance solid-state tweeter adds super-clean, super-clear highs to your existing autosound speakers. Burnout proof. Mounts on dash or visor. 4 1/8 x 3 1/2 x 1 3/8". 40-1384 12.95

Minimus®-7's "Little Brother"



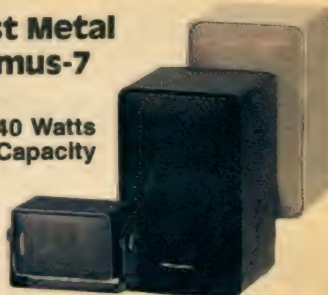
19⁹⁵ 30 Watts
Each Capacity

Mounting
Bracket
9⁹⁵ Pair

Minimus-3.5. Ideal for wide-range stereo in small cars. Extraordinary 3" speaker in high-density molded enclosure. 5 5/8 x 3 5/8 x 3 3/8".

40-1996 19.95
Mounting Bracket. 40-1997 Pair 9.95

Die-Cast Metal Minimus-7



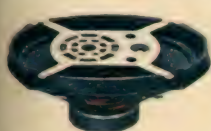
49⁹⁵ 40 Watts
Each Capacity

Mounting
Bracket
14⁹⁵ Pair

Two-way system with 4" woofer and 1" tweeter for dramatic autosound. 7 1/16 x 4 7/16 x 4 5/16".

Black. 40-2030 49.95
Silver. 40-2034 49.95
Mounting Bracket. 40-2031 Pair 14.95

6 x 9" 3-Way Speaker



27⁹⁵
Each
30 Watts
Capacity

Tight bass, smooth midrange, clean highs. 10-oz. woofer magnet, 3" mid-range, 1/2" tweeter. 40-1356 .. 27.95

6 x 9" Speakers

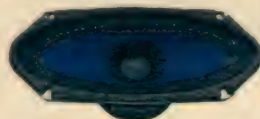


Low As
6⁹⁵
Each
Whizzer cones.

Cat. No.	Magnet	Watts	Each
40-1260	10.0 oz	30	11.95
40-1268	5.3 oz	10	9.95
40-1269	3.0 oz	6	6.95

4 x 10" Speakers

Low As
7⁹⁵
Each

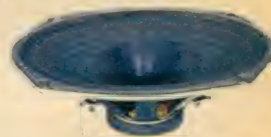


Dual cones, ceramic magnets.

Cat. No.	Magnet	Watts	Each
40-1297	10.0 oz	30	11.95
40-1243	5.0 oz	10	7.95

5 x 7" Speaker

6⁹⁵
Each



Great replacement speaker with 3-ounce ceramic magnet. 10 watts power handling capacity. 4/8/16 ohms. 40-1261 6.95

4 x 6" Speaker



5⁹⁵
Each

Wide-range sound. 5.3-ounce ceramic magnet. Handles up to 10 watts. 40-1298 5.95

5 1/4" Speakers

Low As
5⁹⁵
Each

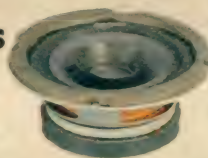


Best for car doors, back panels.

Cat. No.	Magnet	Watts	Each
40-1364	10.0 oz	40	11.95
40-1241	5.3 oz	8	5.95

5" Speakers

Low As
4⁹⁵
Each



Cat. No.	Magnet	Watts	Each
40-1284	9.8 oz	20	9.95
40-1909	5.3 oz	10	6.95
40-1240	2.8 oz	5	4.95

4" Full-Range Speakers

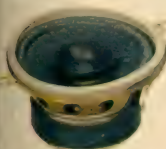
Low As
4⁹⁵
Each



Ideal for limited-space mounting.

Cat. No.	Magnet	Watts	Each
40-1197	6.80 oz	10	9.95
40-1203	0.53 oz	2	4.95

3 1/2" Speakers

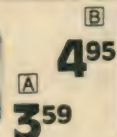
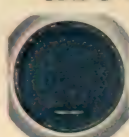


Low As
4⁹⁵
Each

In-dash mini replacements.

Cat. No.	Magnet	Watts	Each
40-1325	5.0 oz	20	6.95
40-1333	2.8 oz	4	4.95

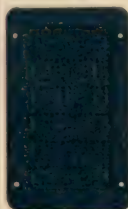
Wire-Mesh Grilles



A 5 1/4". High-temperature molded frame. Dust cover, mounting hardware. 40-1336 3.59

B 6 x 9". 40-1335 4.95

6 x 9" Steel Grille



2⁵⁹
Each

For mounting 6 x 9" speakers in car. Texturized jet black finish. With mounting hardware and template. 40-1175 2.59

Molded Grilles



Fig.	Description	Cat. No.	Each
C	4" or 5" Door	40-1291	1.99
D	6 x 9" Rear Deck	40-1337	2.99
E	4 x 10" Rear Deck	40-1338	3.99

Headphone Controller



7⁹⁹

Recommended for passenger use only.

Jacks for two mini-headphones. Volume control, speaker cut-off switch. With standard connectors, mounting hardware. 270-049 7.99

Stereo Faders



Low As
4⁹⁹

High-Power—40 Watts. For easy front-to-rear speaker balancing. 270-048 6.99

Standard—5 Watts. 270-047 4.99

Selector/Fader



5⁹⁹

Select stereo tape or radio. Control front-to-rear balance for maximum stereo effect. 270-046 5.99

Selector Switch

2⁹⁹



Switch from tape to radio using the same pair of speakers. With hardware and instructions. 270-045 2.99

All Speakers and Accessories on This Page, if Applicable, Are 8 Ohms

AUTO ELECTRICAL ACCESSORIES AND ADAPTERS

6-12V Tester Light

NEW '85
FOR

1⁴⁹



Find "Hot" Wires Quickly and Easily

A real time saver when installing radios, CBs and other electrical accessories. Also indicates spent fuses and lamps. Insulated ground clip, 31 1/2" detachable lead, 5 1/2" insulation-piercing probe. 272-203 1.49

Auto Electrical System Analyzer



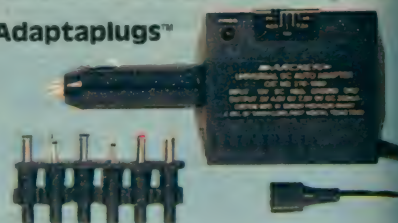
5⁹⁵

Check Battery And Charging System From Inside Your Car

Spot problems before you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. gnd. 22-1635 5.95

Universal DC Auto Adapter With Six AdaptaPlugs™

9⁹⁵



- Reduces 12V to 3/4.5/6/7.5/9 Volts
- Reversible Output Polarity ■ Power "On" LED

Power your battery-operated radio, tape player or personal portable through your vehicle's lighter socket. Fits most equipment with a DC input jack and up to 300 mA current requirement. Protective circuit shuts down unit in case of overload. Fused. 6-ft. cord. 12VDC neg. ground. 270-1560 9.95

Auto Voltage Inverter

27⁹⁵



Use 12VDC Ham equipment, radios, CBs and tape decks in vehicles with 12VDC pos. or 6VDC neg. gnd. electrical systems. Up to 3A. Fused. 22-129 27.95

Headlight Alert



5⁹⁵

Reminds You To Turn Off Your Car Headlights

Beeps for ten seconds when you leave lights on. LED flashes until lights are turned off. Installs easily in most cars. With mounting tape and screws. 270-110 5.95

High Power Adapter

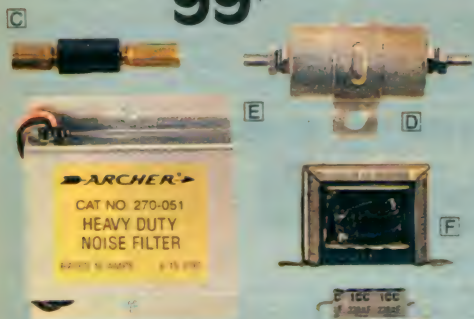
6-9-12 Volt 12⁹⁵



Delivers 6V at up to 1/2A, 9V at up to 900 mA and 12V at up to 3A. Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused. LED "on" indicator. 270-1562 12.95

Noise Filters

Low As 99¢



ⓐ **Resistive Filter.** Cuts spark plug noise. Installs in distributor. 270-012 99¢

ⓓ **Capacitive Filter.** Install inline. Especially useful against stubborn noise problems caused by ignition systems, fan motors and DC generators. Rated 0.5uF, 40 amps, 60WVDC. 272-1085 4.29

ⓔ **Deluxe Filters.** Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers. 10-Amp. 270-051 17.95

5-Amp. 270-050 11.95

ⓕ **Noise Eliminator Kit.** Includes filter choke, capacitor and instructions. Heavy-Duty. 270-030 3.99

Stereo Cable Sets

Low As 1⁸⁹



ⓐ **Cable Assembly.** Five-pin plug, with power leads, four 18-ft. color-coded speaker leads. Fused. 270-014 4.99

ⓑ **Universal.** Fits 4 or 5-pin sockets. Fused. 270-017 1.99

Ⓒ **Standard.** Five-pin fused plug. 270-041 1.89

Automotive Connectors



ⓐ **4-Conductor Quick-Disconnect Cable.** Ideal for connecting trailer lights and accessories. 12" loop of wire. Color coded. 270-027 1.99

ⓑ **4-ft. Polarized, Fused DC Power Cable.** For auto-sound, CB, scanners. 270-025 1.99

Ⓒ **Quick-Disconnect Plugs.** Heavy-duty polarized contacts. 12" loop of wire with one male, one female connector. 270-026 99¢

Ⓓ **5-Pin Speaker/Power Plugs.** Fits Realistic® and many other brands. 274-1210 Pkg. of 2/79¢

Ⓔ **5-Pin Inline Socket With Leads.** Mates with Fig. N and many other speaker harnesses. 274-1215 1.19

AC ADAPTERS AND FOREIGN TRAVEL CONVERTERS

Value-Priced Universal AC Adapter



11⁹⁵

- Powers Most Portables That Have a Jack for External DC
- Five Output Voltages With Reversible Polarity—3, 4.5, 6, 7.5 and 9VDC

Save on batteries and the expense of buying several adapters. Includes six "Adaptaplug" — mini-plug, submini plug and four "barrel-type" coaxial connectors. Delivers up to 300mA current. With 6-ft. cord. U.L. listed.

273-1650 11.95

9VDC Adapter



8⁹⁵

Converts 120VAC to 9VDC power required by many portable recorders, radios, video games and more. With one "barrel" and one mini-plug. 500mA. U.L. listed. 273-1651 ... 8.95

12VDC Adapter



9⁹⁵

Converts 120VAC to 12VDC for many video games, portable cassette and B&W TVs, and more. With mini-plug and three "barrel" connectors. 500mA. U.L. listed. 273-1652 9.95

Adapters for Radio Shack* Equipment

*And many other brands

- Save Your Batteries—Use These Adapters When AC is Available
- All Feature 6-Ft. Cords And are U.L. Listed

Low As
4⁹⁵



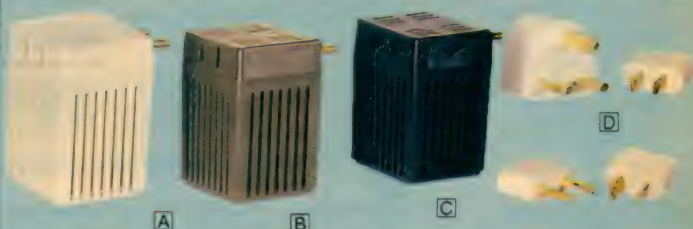
Modules convert 120VAC house current to the DC power required by most portable radios, tape recorders, calculators and many electronic games. Compare your device's power requirements and input connector with the list below.



- E** 9VDC at 300mA. Connector: coaxial "barrel type" plug, outside dia. (O.D.): 5.5mm, inside dia. (I.D.): 2.1mm. 273-1455 6.95
- F** 6VDC at 150mA. Connector: coaxial plug, O.D.: 5.5mm, I.D.: 2.1mm. 273-1454 5.95
- G** 9VDC at 25mA. Connector: submini-type phone plug. 273-1431 4.95
- H** 3VDC at 200mA. Connector: submini-type phone plug. 273-1435 4.95
- J** 9V Battery Eliminator. 25mA. Connector: snap-type as used on 9V rectangular batteries. 270-1552 .. 4.95

Visit Your Nearby Radio Shack for Assistance in Selecting the Right AC Adapter

Converters for Foreign AC Power



Low As
13⁹⁵

- Compact Size ■ Overload Protected
- Use Your 110/120VAC Appliances From 220/240VAC Power Throughout the World

A 50-Watt Converter Transformer for Electronic Equipment. Converts 220/240VAC to 110/120VAC to operate cassette recorders, radios, most photoflash units and battery rechargers, calculators, contact lens sterilizers and appliances up to 50 watts. 9 1/2 oz. 1 5/8 x 2 5/8 x 1 1/4". With carrying pouch. 273-1401 13.95

B 1000-Watt Converter. Allows use of 110/120VAC non-motorized heating appliances from 220/240VAC. For toasters, irons, curlers, curling irons, heating pads, electric blankets, steamers, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 1/2 x 1 1/2". With carrying pouch. 273-1402 14.95

C 1600-Watt Converter. Allows use of 110/120VAC heating appliances from 220/240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, electric blankets, steamers, manicure sets, immersion heaters, toasters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 7/8 x 1 7/8". With carrying pouch. 273-1404 18.95

D Plug Adapters (Set of 4). Connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. **Must be used with one of the voltage converters, above.** 273-1405 Set, 7.95

IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. Not for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer operated devices.

Micronta® 12VDC Power Supplies

Convert 120VAC House Current To 12 Volts DC—Use Your Mobile Equipment At Home, Too



Regulated
34⁹⁵

Unregulated
26⁹⁵

Regulated 12VDC Supply. Operates most 12 to 14-volt DC devices from 120VAC. Ideal for use with CB and Ham transceivers and as a bench supply. 2.5 amps continuous load at 13.8VDC. 5-amp surge. Push-to-reset circuit breaker. Sturdy metal cabinet. 2 1/2 x 4 1/2 x 6 3/4". U.L. listed. 22-124 34.95

12VDC Supply. Similar to above but unregulated. 1.75-amp continuous load, 5 amp surge. Circuit breaker protected. U.L. listed.

22-127 26.95

CB RADIOS FOR FUN AND SAFETY ON THE ROAD

Budget Compact CB With LED Meter



NEW '85
FOR

59⁹⁵

Fits Easily Under Most Dashes

Realistic TRC-415. Ceramic filters for superior selectivity. LED channel display, ANL, squelch control. Adjacent channel rejection, 60 dB. 0.7 μ V for 10 dB. St N/N. 2 x 4⁹/₁₆ x 6¹/₂" Neg. gnd. 21-1509 . . . 59.95

Channel 9 Priority and Tone Control

NEW '85
FOR

139⁹⁵

USE YOUR
Radio Shack
CITILINE
Radio Shack

RF Gain Control
Prevents Signal
Overload



Realistic TRC-473. One-button switching to Emergency Channel 9. RF gain prevents signal overload. LED display, switchable ANL, squelch. Adjacent channel rejection, 65 dB. 2³/₁₆ x 7¹/₂ x 6¹/₈". 21-1537 . . . 139.95

High-Performance With LED Meter

NEW '85
FOR

99⁹⁵

USE YOUR
Radio Shack
CITILINE
Radio Shack

Add an
External
Speaker
For PA Use



Realistic TRC-413. PLL circuit for superb performance. Big LED display, switchable ANL, squelch. Adjacent channel rejection, 80 dB. 2¹/₁₆ x 6¹/₂ x 8¹/₁₆". 21-1507 . . . 99.95

One-Hander® for Total One-Hand Control

NEW '85
FOR

139⁹⁵

USE YOUR
Radio Shack
CITILINE
Radio Shack

All Controls in
Handset for Safety
and Convenience



U.S. Pat. No. 4,032,844

Realistic TRC-416. Base mounts under dash, seat, in glove compartment or in trunk with optional cable. LED display, ANL, squelch. Adjacent channel rejection, 60 dB. 1⁵/₈ x 5¹/₄ x 7¹/₂". 21-1538 . . . 139.95
Extension Cable. 16¹/₂-foot long for trunk mounting . . . 29.95

Instant Selection of Channels 9 and 19

NEW '85
FOR

119⁹⁵

USE YOUR
Radio Shack
CITILINE
Radio Shack

Easy-to-Read LED
Signal Strength &
RF Power Meter



Realistic TRC-414. Don't waste valuable time fumbling for Emergency Ch.9 and Highway Ch.19. LED display, switchable ANL, squelch. Adjacent channel rejection, 80 dB. 2¹/₁₆ x 6¹/₂ x 8⁵/₃₂". 21-1508 . . . 119.95

Base and Mobile Combination

159⁹⁵

USE YOUR
Radio Shack
CITILINE
Radio Shack

Use It at
Home or on
The Road!



Realistic Navaho® TRC-432. Channel 9 and 19 priority switch. On-the-air modulation indicators. LED display, ANL, squelch. Adjacent channel rejection, 70 dB. 3⁹/₁₆ x 11³/₈ x 9⁷/₁₆". U.L. listed. 21-1546 . . . 159.95

AM/SSB CB for More Power, More Range, More Channels

USE YOUR
Radio Shack
CITILINE
Radio Shack

199⁹⁵

- Clarifier Control Brings in Clear SSB Signals
- Illuminated Signal/RF Meter ■ RF Gain Control

Realistic TRC-451. In town or on the road, you'll find that SSB (single-sideband) gets your message through with greater reliability and clarity—it really makes a difference! Just look at the advantages: You get the regular 40 AM channels plus 80 sideband channels. Dual IF stages and crystal/ceramic filters reject adjacent channel interference, and PLL circuitry gives you superior frequency stability on all channels, and a switchable noise blanker cuts impulse noise. LED dimmer controls. PA switch lets you monitor CB even while you're in PA mode. Adjacent channel rejection, 70 dB. It's the ultimate CB for serious users! 2¹/₄ x 7¹/₄ x 9". 21-1565 . . . 199.95



SPECIFICATIONS. Sensitivity for 10 dB S + N/N: (AM) 0.5 μ V; (SSB) 0.25 μ V. Adjacent Channel Rejection Measured at 10 kHz. Mobile CBs Operate on 12VDC, Pos. or Neg. Gnd. except TRC-415 neg. only. max; AM, 4W max. Size: 2¹/₄ x 7¹/₄ x 9".

REALISTIC® WALKIE-TALKIES KEEP YOU IN TOUCH

**For Reliable
Portable
Communication,
Anywhere**



A Realistic TRC-84. 1 Channel, 100 mW. Sensitive superhet receiver, up-front combination speaker/mike, with channel 14. Side-mounted volume/on-off control and push-to-talk button. Built-in telescoping antenna, sturdy case, wrist strap. $6\frac{3}{8} \times 3 \times 1\frac{3}{4}$ ". Requires 9V battery. 21-1606 **19.95**

B Realistic TRC-85. 3 Channels, 300 mW. Battery-test button with LED indicator. Side-mounted volume/on-off controls. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna, sturdy case, wrist strap. $8\frac{3}{4} \times 3 \times 1\frac{7}{8}$ ". Requires six "AA" batteries. 21-1607 **29.95**

C Realistic TRC-86. 3 Channels, 1 Watt. Squelch and volume controls, battery-test button with LED indicator, battery-charger jack. With channel 14 crystals. Add optional crystals for two more channels. Telescoping antenna, sturdy case, wrist strap. $9\frac{3}{4} \times 3\frac{3}{8} \times 2\frac{3}{4}$ ". Requires eight "AA" or ten rechargeable batteries. 21-1608 **39.95**

D Realistic TRC-213. 3 Channels, 2 Watts. Auto-modulation for maximum "talk power", range-boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, battery-test LED. With channel 14 crystals. Add optional crystals for two more channels. $10\frac{1}{4} \times 3\frac{1}{8} \times 2\frac{1}{2}$ ". Requires eight "AA" or ten rechargeable batteries. 21-1636 **49.95**

E Realistic TRC-214. 3 Channels, 3 Watts. Auto-modulation, range-boost and center-loaded antenna. Squelch control, LED battery-test and modulation indicators. Jacks for external antenna and charger. With channel 14 crystals. Add optional crystals for two more channels. $10\frac{1}{4} \times 3\frac{1}{8} \times 2\frac{1}{2}$ ". Requires eight "AA" or ten rechargeable batteries. 21-1637 **59.95**

F Realistic TRC-211. 6 Channels, 5 Watts. Ideal for camping, fishing, construction sites. Exclusive range-boost side panels couple your body to the antenna system for increased signal power on receive and transmit. Ceramic filter for increased selectivity and freedom from adjacent channel interference. Battery/RF meter, squelch, hi/lo power-saver switch, jacks for antenna, hand mike, battery charger. With channel 14 crystals. Add optional crystals for five more channels. $9\frac{1}{4} \times 3\frac{3}{16} \times 2\frac{3}{8}$ ". Requires eight "AA" batteries or ten rechargeable batteries. 21-1652 **99.95**

G Realistic TRC-212. 40 Channels, 5 Watts. Our best is ready to use on all channels—no crystals to buy! Range-boost antenna system extends signal reach on both transmit and receive. LCD channel readout, hi-lo power battery-saver switch. Ceramic filter for increased selectivity and freedom from adjacent channel interference. Adjustable squelch, automatic noise limiter, separate speaker and electret condenser mike. Jacks for earphone, hand mike, antenna, battery charger. $9\frac{1}{4} \times 3\frac{3}{16} \times 2\frac{3}{8}$ ". Requires eight "AA" batteries or ten rechargeable batteries or AC adapter. 21-1662 **139.95**

Transmit / Receive CB Crystals



Includes one receive and one transmit. Other channels may be special-ordered (except synthesizer crystals).

Channel	Cat. No.	Pair
5	21-1205	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30	21-1230	4.98
35	21-1235	4.98

Walkie-Talkie Accessories



H Flexible Antenna. For loaded and standard antennas. Clamps with one screw. 21-980 **7.95**

J Battery Charger. For 12-15V nickel-cadmium batteries. Use with 21-1608, 1636, 1637, 1652 and 1662. U.L. listed. 21-516 **6.95**

K 12VDC Car Power Cord. Neg. gnd. 8-ft. 270-1533 **3.49**

HANDS-FREE, VOICE-OPERATED FM HEADSET WALKIE-TALKIES



89⁹⁵
Pair

Double Superheterodyne
Circuit for High Reliability!
Use Them for Work or Fun!



- Hands-Free Communication Up to 1/2 Mile Outdoors, 1/4 Mile Indoors
- Special Voice-Activated Circuit With 3-Level Sensitivity Setting
- Lightweight, Adjustable Headphone Fits Over Only One Ear for Safety

Realistic TRC-500 2-Way Headset System. Now you can talk easily with a companion while jogging, biking, camping, fishing or working. Voice-activated circuit automatically switches to "transmit" when you speak into the adjustable boom mike, then switches to "receive" when you stop. Adjustable sensitivity—switch to "low" to prevent accidental transmissions while you jog, or "high" to pick up whispers while you fish. Push-to-talk button permits manual operation. Three-level volume control. Dual-conversion superhet receiver has 1/2-microvolt sensitivity for noise-free reception. Includes belt clip, antenna. Requires 9V battery for each headset. 49 MHz. No FCC license required. 21-400 Pair 89.95

Complete "Road Emergency" 2-Way Radio System

NEW FOR '85

79⁹⁵

Extra "Road Insurance" Gets You in Touch
Within Seconds, Brings Help in Minutes!

Quick, Easy 3-Step Set-Up!

- ① Extend Telescoping Antenna and Place Magnetic Base on Roof, Trunk or Hood of Car
- ② Plug 12VDC Power Adapter Into Cigarette Lighter Socket
- ③ Select Desired Channel and You're On the Air—Get Information on Road Conditions, Report Accidents Or Call for Emergency Assistance

Realistic TRC-412. Enjoy peace of mind wherever you travel with this compact and incredibly easy to use CB. Features 40-channel operation and a full 4 watts of power for maximum range in emergency situations. Large, easy-to-read LED channel display and a built-in mike and speaker. Local/distant receiving range control eliminates signal "chopping." Entire system fits in its vinyl travel case and stores under the seat or in the trunk. With external antenna jack, 10-foot antenna cord. Only 3 3/4 x 12 3/4 x 7 1/16". Ready to use in any vehicle with 12VDC negative ground.

21-1506 79.95



Call for Help
Without Getting
Out of Your Car

Radio Shack Has Everything You Need in Quality CB Accessories



- A** Mike Clip. Mounts with included screws or insta-mount adhesive. 21-923 1.29
- B** CB Under-Dash Mount. CB slides on or off bracket under dash. With electrical connections. 21-566 13.95
- C** Extra Mount for above. Lets you use same CB in two vehicles. 21-567 6.49
- D** CB Portable Hump Mount. Fits atop carpeted transmission hump with hook-and-loop fasteners. 21-540 17.95
- E** Snap-In Roof Mount. Replaces base-loaded antennas. Requires 3/8" hole. 21-914 6.95
- F** Mirror/Luggage Rack Mounting Bracket. For 3/8"-24 threaded whip antennas. 21-937 8.95
- G** Magnetic Mike Holder. Mounts instantly to any magnetic surface. 21-1130 1.59
- H** Dynamic Mike. Shielded coiled cord, DIN-type plug. 21-1172 14.95

- J** Noise-Cancelling Mike With Preamp. Eliminates road/engine noise, assures 100% modulation. Requires 7V battery. (Usable as dynamic mike without battery.) 21-1175 26.95
- K** Extension Speaker. 360° swivel base. 10-foot cable with mini-plug. 5 watts. 8 ohms. 21-549 12.95
- L** 12VDC Replacement Power Cord. 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse. 21-550 3.29
- M** Gutter Clamp. For most antennas requiring 3/8" diameter hole. 21-911 5.89
- N** Hole Plugs. Covers 3/8" antenna holes. May be inserted from outside car. 21-920 Pkg. of 2/59c
- O** Back-of-Set Antenna. 90° design, plugs directly into antenna socket. Center-loaded. PL-259 connector. 21-921 7.95
- P** 102" Stainless Steel Whip. Standard 3/8"-24 stud. 21-903 12.95

- Q** 102" Fiberglass Whip. Standard 3/8"-24 stud. 21-905 12.95
- R** 48" Fiberglass Whip. Top-loaded 3/8"-24 thread. 21-934 10.95
- S** Stainless Steel Whip. With adapter. Replaces #21-904, #21-908, #21-940. 21-952 5.95
- T** Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover. 21-910 12.95
- U** Ball Mount. For vertical or horizontal mounting. Chromed ball, lug terminals. 21-1115 9.95
- V** Steel Spring. Chrome-plated. Removable 3/8"-threaded stud. 21-1118 9.95
- W** Antenna Hold-Down Clip. Clips to gutter. 21-917 1.99
- X** Mounting Hardware. Standard 3/8"-24 female thread. Fits mounting plates up to 1/8" thick. Nickel-plated. 21-950 4.29

REACH OUT WITH ARCHER® MOBILE CB ANTENNAS



A Deluxe Magnet-Mount. Improved performance provided by low-loss coil form, heavy-gauge copper wire coil and 60" whip. Mounts on any flat magnetic surface—no holes to drill. Heavy magnet holds securely at highway speeds. With 16-foot cable and connector. 21-960 37.95

B Base-Loaded Magnet-Mount. Mounts on any flat magnetic surface. Hardened stainless steel whip and heavy-duty shock spring for stability at highway speeds. Sealed coil for long life. With 16-foot cable and connector. 21-940 26.95

C CB/AM/FM "Disguise" Antenna. Combined AM/FM auto radio and CB antenna will mount in a standard antenna hole or wherever you choose. Tapered stainless steel whip. With 8 1/2-foot cable, splitter, connectors for antenna, CB and car radio, mounting hardware. 21-990 29.95

D No-Hole Trunk-Mount. Mounts on center or either side of trunk lid and secures with just two set-screws. Easy cable entry. Base-loading coil, stainless steel shock spring and whip. Excellent performer. With 16-foot cable and connector. 21-908 26.95

E Fiberglass No-Hole Trunk-Mount. Rust proof—ideal for coastal areas and corrosive environments. Triple chrome-plated brass fittings on coil housing. With 16-foot cable and connector. 21-926 28.95

F "Shorty" Roof-Mount. Easy snap-in mounting. Center-loading coil, stainless steel whip and shock spring, chrome-plated support tube. With 16-foot cable and connector. 21-906 23.95

G Stainless Steel Roof-Mount. Easy snap-in installation. Whip adjusts for lowest SWR. 16-foot cable, connector. 21-904 26.95

H Stainless Steel Hatchback-Mount. Universal swivel ball allows mounting in almost any position, with whip remaining vertical. No holes to drill. Center-loaded with adjustable whip and shock spring. With 16-foot cable. 21-948 25.95

I 102" Stainless Steel Whip Body-Mount. Full quarter-wave length for maximum range. Mounts on any flat surface with universal swivel ball-mount, insulator and heavy backup plate. Hardened whip for long-lasting efficiency. Triple chrome-plated heavy-gauge steel shock spring. Cable extra. 21-1094 23.95

K 102" Fiberglass Marine Whip. "Lay down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces. Ideal for fiberglass or wooden boats—no ground plane needed. With 16-foot cable and connector. 21-912 37.95

L Single Truckers II Antenna. Delivers the high performance and reliable communications you want on the road. Heavy-duty mirror-mount adjusts for vertical or horizontal brackets. Over-size resonator and adjustable tip rod for precise tuning. With 10-foot cable and connector. 21-941 25.95

M Fiberglass Twin Truckers. Four-foot whips resist corrosion and provide improved front/rear performance. Mirror mounts. 18-foot dual-phasing coax harness. 21-945 44.95

N Gutter-Clamp Antenna. Center-loaded. Stainless steel spring and adjustable whip, chrome-plated support tube. With 10-foot cable. 21-909 19.95

O Fold-Down Gutter-Mount Antenna. Folds down for extra convenience. Center-loaded stainless steel adjustable whip and shock spring. Excellent performance when mounted in front or rear. 10-foot cable. 21-947 26.95

Crossbow® 1/4-Wave Antenna

59⁹⁵

Omnidirectional for Superb Performance

Rugged fiberglass construction with insulmatic connector for insulation protection and simple assembly. 104" vertical radiator and three 48" loaded radials. For masts up to 1 5/8" diameter. Accepts PL-259 connector. No adjustment or tuning required. Meets CPSC requirements.

21-968 59.95

Crossbow® 1/2-Wave Antenna

79⁹⁵

- Omnidirectional
- 3 dB Gain Over 1/4-Wave
- Fiberglass Construction Provides Insulation and Fights Corrosion

Half-wave, end-fed design—mounts easily in tight spots. 16-foot radiator. Insulmatic connector and integral mount bracket for easy assembly. For masts up to 1 5/8" dia. Accepts PL-259 connector. No adjustment or tuning. Meets CPSC requirements. 21-967 79.95

Base / Mobile Coax Assemblies

All cable is 52-ohm. Assemblies include PL-259 connectors on each end, except 278-966.

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
20	*RG58/U	278-966	6.39
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95

*PL-259 connector to spade lugs

Field-Strength / SWR Meter



18⁹⁵

For 2-30 MHz

Reads standing wave ratio (forward/reflected) to 1 kW. Portable field-strength meter. 1 7/8 x 6 3/16 x 2 1/2". 21-525 18.95

Radio Shack/CitiLine, Amercian Express, MasterCard and Visa Honored at Most Stores

MICRONTA® SPEED RADAR & METAL DETECTORS



Ultra-Sensitive Dual-Conversion Superhet Radar Detector



NEW '85

199⁹⁵

USE YOUR
Radio Shack
CITILINE
YOUR CARD

Available Nov. 15, 1984

Provides Phenomenal Sensitivity, Selectivity and Reduces False Alerts
Micronta Road Patrol XK Superhet. The secret to its amazing performance is in the "hot" GaAs Schottky barrier diode front-end. Picks up all types of speed radar, including pulse, moving and hand-held "gun". Selectable tone and/or caution light pulse faster as radar signal increases. LED radar signal strength meter. Volume control. Includes dash/windshield bracket and visor clip. 1⁵/₈ x 6 x 5³/₈". 12VDC neg. and pos. gnd. 22-1611 199.95

Compact Dual-Conversion Superhet

159⁹⁵

USE YOUR
Radio Shack
CITILINE
YOUR CARD



**Tone and/or Warning Light
Informs You of Speed Radar**

Micronta Road Patrol XK Superhet. High sensitivity, selectivity and an incredibly low price! Warning tone pulses faster as radar strength increases. Selectable hi/lo sensitivity switch minimizes misleading reflections and other in-band signals. With dash/windshield bracket and visor clip. 1⁹/₁₆ x 5 x 5¹/₄". 12VDC neg. and pos. gnd. 22-1608 159.95

All radar detectors complete with mounting hardware. Not offered where sale is prohibited by law. Use may be regulated by state or local law.

Remote-Mount Dual-Conversion Superhet

219⁹⁵

USE YOUR
Radio Shack
CITILINE
YOUR CARD



**Features Separate Detector and Control Units for
Inconspicuous Mounting and Prevention of Theft**

Micronta Road Patrol XK Superhet. Detects signals even around corners and over hills. Detector mounts under bumper or behind grille. Control unit mounts inside auto. Warning tone/light, sensitivity switch. Control unit, 1⁵/₁₆ x 3¹/₄ x 1¹/₂". Remote 1¹/₂ x 5¹/₄ x 5¹/₄". 12VDC neg. gnd. 22-1609 219.95

Compact Detector

79⁹⁵

**Light/Tone Pulse Faster
As Radar Strength Increases**



Micronta Road Patrol XK. Value-priced detector spots moving and stationary X and K band radar signals at extended range. LED power indicator. With universal mount. 1³/₄ x 3¹/₈ x 4⁵/₈". 12VDC neg. gnd. 22-1605 79.95

Metal Detectors for Hours of Fun & Excitement

**Locate
Buried
Treasure!**



**Outdoor Adventure for
The Whole Family**

Low-Cost Detector—Great for the Kids!

A Spots anything metallic up to one-half foot underground! Easy to operate tuning and fine-tuning controls. Speaker tone changes when the search coil spots anything metallic. Sturdy, lightweight design. Adjustable shaft extends to 27". Requires 9V battery. 60-3003 19.95

Sensitive "Standard" Metal Detector

B Discover metal under soil, wood and dry sand. Water-resistant coil has Faraday Shield to help reduce false readings. Large meter, peaking and volume controls. Lightweight design. Includes ear-phone. Shaft extends to 24". Requires six "AA" batteries. 63-3001 39.95

Advanced Discriminator-Type Detector

C Micronta 4001. Discriminator-type circuit identifies "junk" like bottle caps and pull tabs, prevents needless digging. Built-in speaker and meter. Auto-tuning, volume, discriminator controls. Battery-test switch. Extra-sensitive 6" search coil. 1/4" headphone jack for "private" detecting. Shaft extends to 24". Requires six "AA" batteries. 63-3002 59.95

HEAR ALL THE ACTION ON REALISTIC® SCANNERS

Listen to It All As It Happens!
8-Channel Action-Band Table Scanner



119⁹⁵

USE YOUR



FIVE BANDS!
VHF-Hi/Lo
VHF-Ham
UHF-Hi/Lo

U.S. Pat. Nos.
3,794,925
and
3,895,303

Hear Police, Fire, Railway, Mobile Telephones, Weather and More!

Realistic PRO-54. Automatically locks in on active channels, then resumes scan when conversation ends. Bands: VHF-Lo 30-50 MHz; VHF-Ham 144-148 MHz; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Two-second scan delay prevents missing return calls. Channel-lockout switches temporarily bypass unwanted channels. Squelch control. LED channel indicators. Built-in speaker, telescoping antenna, jacks for headphones and external antenna. Requires one crystal for each channel (below). 2⁷/₈ x 9¹/₂ x 7¹/₂". U.L. listed AC operation.

20-123 119.95

**Stay in Touch! 6-Band, 10-Channel Scanner
For Home or Car* —Includes Aircraft Band**



159⁹⁵

USE YOUR



- Automatic AM Switching For Aircraft
- ANL on AM
- Dual Conversion
- AFC on UHF

Realistic PRO-48. Scans up to ten crystal-controlled channels, including aircraft. Covers VHF-Lo 30-50 MHz; Aircraft 118-136 MHz(AM); VHF-Ham 144-148 MHz; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Automatically locks on to active channels. Two-second scan delay, individual channel lockout switches with LED indicators for active channels. Selectable manual channel selection. Crystal and ceramic filters, squelch control. Built-in speaker. Jacks for external speaker and antenna plus headphone. Requires one crystal for each channel, below. 2⁵/₈ x 7¹/₂ x 9⁷/₈". U.L. listed AC operation or 12VDC neg. gnd.

20-143 159.95

Crystals. Specify frequency Each 4.98

*Mobile Use of Scanners in Some Areas May Be Unlawful or Require a Permit—Check With Local Authorities

**Hear the News Anywhere
With a Portable* Scanner**

**A VHF-Hi/Lo
UHF/VHF
Air (AM)**

149⁹⁵

**B VHF-Hi
VHF Air (AM)**

99⁹⁵

C VHF-Hi/Lo/UHF

99⁹⁵



**Two Antennas
Included**

Use the
antenna that
best suits
your needs!

Telescoping
for optimum
range

Short flexible
for close
quarters



Above Scanners Covered by
One or Both U.S. Pat. Nos.
3,794,925 and 3,895,303

A Realistic PRO-25. Automatically scans up to eight channels. Bands: VHF-Lo 30-50 MHz; VHF Aircraft 118-136 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Scan-delay catches call responses. Features channel lockouts, squelch control, built-in speaker, earphone jack. Requires four "AA" batteries or AC or DC adapter (below). 7¹/₂ x 3³/₈ x 1¹/₂". Includes earphone, belt clip. Requires one crystal for each channel (below).

20-106 149.95

B Realistic PRO-23. As above, but four channels. Covers VHF-Hi 144-174 MHz and Air 118-136 MHz (AM). 6³/₄ x 2³/₄ x 1³/₄". 20-104 99.95

C Realistic PRO-24. As above, but four channels. Covers VHF-Lo 30-50 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. 6³/₄ x 2³/₄ x 1³/₄". 20-105 99.95

Crystals. Specify frequency Each 4.98

120VAC AC Adapter/Charger. U.L. listed.

20-189 4.95

External Antenna Adapter. 20-020 2.49

12VDC Universal Adapter. Fits lighter socket.

270-1560 9.95

60-CHANNEL PROGRAMMABLE HOME/CAR* SCANNER

50 Public Service and Aircraft Channels Plus 10 FM Broadcast Channels

349⁹⁵

AS LOW AS

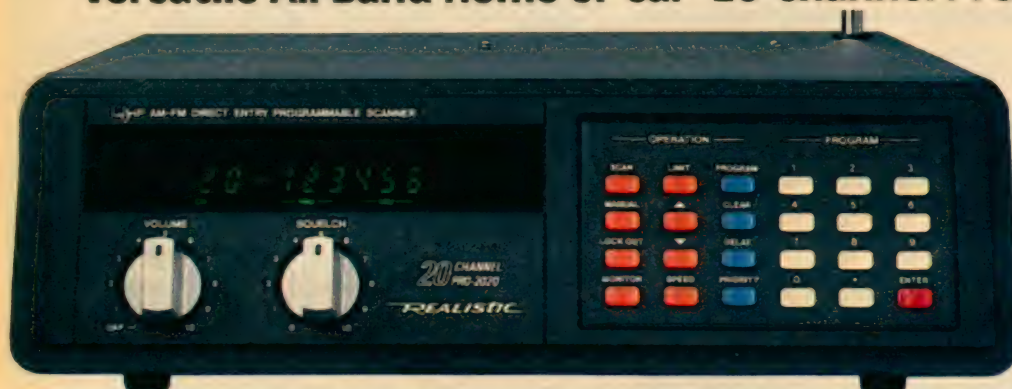
\$28 PER MONTH



U.S. Pat. No. 3,794,925

Realistic® PRO-2003. No crystals to buy—instead, just use the keyboard for direct entry of 20,584 frequencies. Use the search circuit to find new or unpublicized channels. When you find one you like, store it in memory. Zeromatic® circuit assures accurate signal tuning. Has 2-speed scan and search, scan delay, individual channel-lockout, priority function and squelch control. Large easy-to-read display shows channel number, frequency, function and mode. Bands (all are FM except Air is AM): VHF-Lo 30-50 MHz; FM 88-108 MHz; VHF-Air 108-136 MHz; Ham 144-148 MHz; VHF-Hi 138-174 MHz; Ham/Government 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, telescoping antenna, jacks for headphone and external speaker. 3 1/8 x 11 1/4 x 9". With operating manual. U.L. listed AC operation or 12VDC neg. gnd. Memory backup requires 9V battery. 20-117 **349.95**

Versatile All-Band Home or Car* 20-Channel Programmable Scanner



U.S. Pat. Nos. 3,794,925; 3,801,914 and 4,245,348

No Crystals Needed • Covers 30-50, 138-148 and 148-174 MHz VHF, Air 108-136 MHz AM, 410-470 and 470-512 MHz UHF

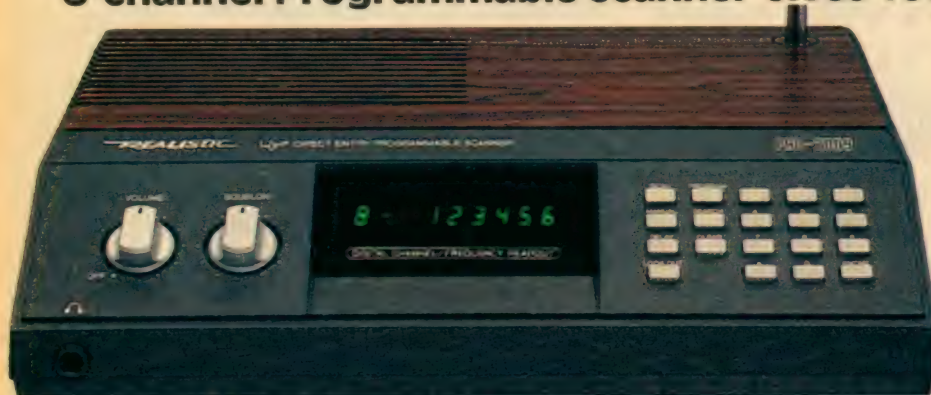
279⁹⁵

AS LOW AS

\$26 PER MONTH

Realistic PRO-2020. Features direct keyboard entry of Ham, police, fire railway, aircraft, weather channels and more. Has Search and Scan in two speeds, Scan Delay to avoid missing call-backs, and individual channel lockouts. Zeromatic circuitry for precise tuning. Big fluorescent readout, built-in speaker plus jacks for headphones, external speaker, antenna and tape recorder. 2 5/8 x 7 1/2 x 9 7/8". With mobile mounting bracket. U.L. listed AC operation or 12VDC neg. gnd. 20-112 **279.95**

8-Channel Programmable Scanner Gives You More Listening for Less



U.S. Pat. Nos. 3,794,925; 3,801,914 and 4,245,348

No Crystals Needed ■ Tune in the Action on 18,160 Frequencies

*Mobile Use of Scanners May be Unlawful or Require a Permit—Check With Local Authorities

199⁹⁵

USE YOUR
CITILINE

Realistic PRO-2009. Stretch your listening horizons without stretching your budget. Hear police, fire, trains, Hams, weather and more. Direct keyboard entry, with auto-scan and "Search" to find new channels. Two-second scan-delay, channel lockout, monitoring of your favorite frequency, squelch control. Bands: VHF-Lo 30-50 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Government 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, whip antenna, external antenna jack. 2 3/4 x 10 1/2 x 8". U.L. listed AC operation. Memory backup requires 9V battery. 20-109 **199.95**

PROGRAMMABLE PORTABLE! DIRECT KEYBOARD ACCESS TO 23,684 FREQUENCIES



299⁹⁵

AS LOW AS
\$27 PER MONTH



Hear It All, Wherever You Go!
Police, Fire, Aircraft, Trains,
Ambulances, Utility Vehicles, Hams,
Military Frequencies and More

- 30-50 MHz VHF-Lo ■ 50-54 and 144-148 Amateur Radio
- 108-136 MHz (AM) Aviation ■ 138-144 MHz Government
- 148-174 MHz VHF-Hi ■ 380-450 MHz Government and Ham
- 450-470 MHz UHF-Lo ■ 470-512 MHz UHF-Hi

Realistic PRO-30. A full-featured, microprocessor-controlled scanner with extended frequency coverage—in a compact size you can carry wherever you go! Scan up to 16 of your favorite channels continuously, or search a selected frequency range for new or unpublicized channels. Scan and search in two speeds. Two-second scan delay, selectable for each channel, prevents missed replies. Lockout feature temporarily bypasses unwanted channels. Big LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Priority function monitors your favorite frequency while you listen to others. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between messages. Built-in speaker, earphone jack for private listening, jack for long-range external antenna. With flexible antenna. $7\frac{1}{2} \times 2\frac{1}{16} \times 1\frac{13}{16}$ ". Requires six "AA" batteries or AC or DC adapter. Memory backup requires four silver-oxide batteries.

20-131 299.95
AC Adapter/Charger. U.L. listed. 273-1455 6.95
DC Adapter/Charger. 14-844 6.95

**No Crystals
To Buy,
Now or
Ever!**

**16
Channels!**



U.S. Pat.
No. 3,794,925

Antennas and Accessories for Best Reception



- A Indoor VHF/AIR/UHF Plug-In Antenna.** Center-loaded. Extends 16" to 40". Motorola-type plug. 20-161 9.95
- B VHF/UHF/Air Magnet Mount Mobile Antenna.** 16-ft. cable. Motorola-type plug. 20-018 26.95
- C Gutter-Mount UHF/VHF/Air Antenna.** 10-ft. cable. Motorola-type plug. 20-019 21.95
- D VHF-Hi/Air/UHF Base Antenna.** Accepts PL-259 connector. U-clamp mount fits masts up to $1\frac{1}{2}$ " diameter. Less cable. 20-176 14.95
- E VHF/Air/UHF Base Antenna.** Accepts PL-259 connector. Less cable. 20-014 29.95
- F Coax Adapter.** Adapts PL-259 connector to a Motorola-type plug. 278-208 1.79
- G Coax Clips.** For RG58/U. 20-192 Pkg. of 10/79¢
- H Coax Cable Assemblies.** 52-ohm cable. PL-259 connectors at both ends. 50-foot RG58/U. 278-971 11.95
- J Monophonic Headset.** Standard $\frac{1}{4}$ " plug. 20-210 9.95

*Mobile Use of Scanners May be Unlawful or Require a Permit—Check With Local Authorities

Handy "Police Call" Radio Guides

6⁹⁵
Each



Available Through Your Local Radio Shack

Vol.	States Covered	Cat. No.
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042
3	Michigan, Ohio	62-1043
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045
6	Dist. of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048
9	California, Oregon, Washington	62-1049

SAVE ON RENTAL FEES! BUY YOUR OWN TELEPHONE



1-Piece, Personal Phones Hang Up on Flat Surface

Pulse-Dial

19⁹⁵

NEW LOW PRICES!

Tone-Dial

24⁹⁵

Both Were \$29.95 in 1984 Catalog

ET-120 Pulse. Features touch-redial, hi/lo/off ringer-adjust and mute button. With 16-ft. modular cord.

White, 43-501. Brown, 43-502 19.95

ET-120 Tone. Utilizes low-rate long-distance and other tone-required services. No touch-redial or mute.

White, 43-503. Brown, 43-504 24.95

Wall Brackets. NEW LOW PRICES! Were \$2.99 in 1984 Catalog. White, 43-186. Brown, 43-187 1.99

Compact Slim-Fones With Base

NEW LOW PRICE!

Low As

34⁹⁵

Pulse-Dial Was \$39.95 in 1984 Catalog

Base Fits Over Std. Modular Wall Jack

ET-270 Pulse. One-button touch-redial of last number called, hi/lo/off electronic ringer-adjust, mute. With 14-ft. modular cord.

White, 43-514. Brown, 43-515 34.95

ET-270 Tone. Tone dialing for utilizing low-rate long-distance and other tone-required services. No touch-redial or mute.

White, 43-516. Brown, 43-517 39.95



Standard Pushbutton Pulse or Tone Dial Telephone

NEW FOR '85

41⁹⁵

Pushbutton Operation Even On Rotary Lines

Radio Shack ET-170. Perfect office, living-room or bedroom phone. Has one-button touch-redial of last number entered, mute button for silencing receiver (in pulse mode), electronic ringer with hi/lo/off switch. With 7-ft. modular cord.

Almond, 43-364. Beige, 43-365.

Brown, 43-366 41.95



Avail. Oct. 30, 1984

2-Line Telephone with Selectable Pulse or Tone Dialing

NEW FOR '85

69⁹⁵

Handles Two Separate Telephone Lines

Radio Shack ET-180. Home or office phone has Line-1/Line-2 keys for accessing either line and placing one or both on hold. Separate ringer, with adjust, for each line and LED Hold indicators. Touch-redial, mute button (in pulse mode). With 7-ft modular cord. 43-373 ... 69.95



Avail. Oct. 30, 1984

The Desk/Wall Phone You Can "Custom Decorate"

59⁹⁵

NEW FOR '85

Woodgrain Inlay Doubles As a Pattern for Customizing Your Own

Radio Shack ET-190. This unique phone features one-button touch-redial of last number entered, adjustable ringer-volume, LED dialing indicator. Switchable pulse or tone dialing for use even on rotary lines. With 6-ft. modular cord. 43-530 59.95



Fashionable Trim-Fone®

NEW FOR '85

59⁹⁵

- Switchable Pulse or Tone Dialing
- Ideal for Home or Office

Adds a nice touch to any desk. Features one-button touch-redial (in pulse mode), hi/lo ringer-adjust, detachable handset cord. Contoured curved handset has handy "hang up" button for placing series of calls without returning to base.

White, 43-518 59.95

Brown, 43-519 59.95



Contemporary Style Phone

44⁹⁵

NEW FOR '85

Switchable Pulse or Tone

Ideal main or extension phone mounts on wall or rests on desktop. Has touch-redial, on/off bell control, label for listing 10 often-used numbers, detachable coiled handset cord. 6-ft. modular line cord. 43-513 44.95



White Wall-Mount Trim-Fone

59⁹⁵

Perfect Extension or Replacement Phone

Pulse. Contoured to fit naturally in your hand. Has touch-redial and a handy "hang up" button in the handset.

43-355 59.95

Tone. Fast tone dialing for utilizing low-rate long-distance services and bank-by-phone conveniences. No touch-redial. 43-356 59.95



Mini Wall-Mount Phone

NEW FOR '85

59⁹⁵

Switchable Pulse or Tone

Lightweight and compact phone looks great in any room. Mounts over standard modular wall jack. Features pushbutton operation even on rotary dial lines, touch-redial (in pulse mode), hi/lo ringer-adjust and detachable coiled handset cord.

43-336 59.95



MAKE RADIO SHACK YOUR TELEPHONE COMPANY®

Start saving money the minute you plug in your new Radio Shack telephone. One year's savings on rental fees alone is often enough to repay its entire purchase price.

And talk about Radio Shack quality! Because we manufacture much of what we sell, we can maintain our high standards and still keep costs low. Our telephone equipment specifications

are consistently among the highest in the industry. But if you should ever need service, just bring your phone to your nearest Radio Shack store.

So whether you need a new designer telephone, an answerer or dialer, a replacement handset, or any of over 160 other telephones and accessories, you can rely on Radio Shack® to be your "telephone company."

10-Number Memory Trim-Fone®

Pulse-Dial

69⁹⁵

Tone-Dial

79⁹⁵

Memory
Protection
Circuits

ET-280 Pulse. Features two-button auto-dialing of up to 10 often-called or emergency numbers of up to 16-digits each, and one-button touch-redial of last number called. Base holds index card for listing numbers in memory. Detachable coiled handset cord.

White, 43-520. Brown, 43-521 69.95

ET-280 Tone. As above, but with tone dialing for utilizing low-rate long-distance and other tone-required services.

White, 43-522. Brown, 43-523 79.95

1-Piece 10-Number Dialer-Fone

NEW LOW
PRICE!

29⁹⁵

Was \$34.95 in 1984 Catalog
Hangs Up on Flat Surface

Radio Shack ET-130. Compact and lightweight, yet stores up to ten numbers of up to 18 digits each for fast two-button dialing of often-used or emergency numbers. Has one-button touch-redial, electronic ringer with hi/lo/off switch, label on back of phone for listing numbers in memory. Pulse dialing for pushbutton convenience on tone or rotary-dial lines.

White, 43-507. Brown, 43-508 29.95

Matching Wall-Mount Bracket. White, 43-186. Brown, 43-187 1.99

Add Style to Your Home With a Radio Shack Fashion-Fone®



59⁹⁵

69⁹⁵

79⁹⁵

79⁹⁵

Available
Sept. 30, 1984

NEW
FOR '85



49⁹⁵ NEW
FOR '85

Available Oct. 30, 1984

69⁹⁵ NEW
FOR '85

Available Sept. 30, 1984

59⁹⁵

A French-Style. All the elegance and charm of Paris' "Left Bank" at a "down-home" price! Features a "Continental-style" ringer and ornamental handset. White with gold-color trim. With 7-ft. modular cord. 43-326 59.95

B "Cutie." Extra petite, extra pretty. Ivory colored and accented with golden trim. With 7-ft. modular cord. 43-324 49.95

C French Continental. Beautiful golden hue and ivory-colored base add to the "Old World" charm of this antique style phone. With 7-ft. modular cord. 43-320 69.95

D Imperial Classique. Exquisitely detailed scrollwork adorns the antiqued brass-colored base and ivory-colored handset. With 7-ft. modular cord. 43-323 79.95

E Genie*. Sleek tone-dial phone with electronic ringer-adjust, circular-style dial pad. 6-ft. modular cord. 43-3301 79.95

F "Bonnie 'n Clyde." Roaring '20s classic styling with candlestick design and lightweight molded body. Adjustable mouthpiece, raised rotary dial. Black finish with golden trim, black handset cord. 7-ft. modular cord. 43-321 59.95

G "Big Button." Switchable pulse/tone dialing, touch-redial and privacy button (in pulse mode), ringer-adjust. With 7-ft. modular cord. 43-344 49.95

H "Continental Classique" Pure "European" charm. Switchable pulse or tone dialing. Touch-redial, mute (in pulse mode). With 7-ft. modular cord. 43-330 69.95

All Phones FCC Registered. Not for Coin or Party Lines. *Trademark of Comdial Corporation

NEW! RADIO SHACK TELEPHONE EXCLUSIVE!

The First Low-Cost, Multi-Line Phone System for Home or Office

**NEW
FOR '85**

You Get Big-System Features,
Yet Installation is "Plug-In" Simple



Available Nov. 30, 1984

179⁹⁵
Per Station



- Usable on One to Four Telephone Lines
- Connect Up to 10 Separate Stations
- All Control Circuitry is Built Into Each Phone—No External Control Unit is Required

System 404. Now you can buy and instantly install your own state-of-the-art multi-line telephone system in your home or office. It allows you to handle up to four separate telephone lines simultaneously without the need of an external controlling device. Perfect for use anywhere there's a high activity of phone usage. Features a Hold button for placing any or all of the calls on hold, four accessing line-key buttons and line-status LEDs that indicate when line is ringing, in use or on hold—for any phone on the line. Has adjustable ringer-volume and a handy modular jack that lets you instantly add an auto-dialer, speakerphone or other accessories. Backup system illuminates LEDs when AC fails. Simple plug-in installation using two standard RJ14 jacks. Stations can be wall-mounted, if desired. U.L. listed AC operation. For tone lines only. Backup requires 9V battery. **43-451 Per Station 179.95**

Shown
Actual
Size



Tandey® Pocket Pager Keeps You in Touch With Family, Office, Babysitter—Anyone!

99⁹⁵

Plus local common carrier-approved monthly tariffs



**Now Available in Most Major Cities!
Coming to Others Soon—Watch for
Our Ads in Your Local Newspaper**

- Perfect for Every Family Member
- Helps the Handicapped or Elderly Notify You in Emergency Situations
- Great for Errands—You Can Be Alerted To Call Home for Last-Minute Needs

When you need to stay in touch but can't stay by the phone, our Tandey Pager is the answer. When your paging number is called, a radio signal immediately alerts you to call for your message. If you can't be interrupted, "silent paging" will store calls in memory. After purchasing your pager, you will be assigned an exclusive pager phone number and charged the first month's service fee. Thereafter, the paging service will bill you monthly. With batteries.

Extra Pager Batteries. 23-150 2/1.69



Receive Messages Wherever You Are



WE'VE GOT A TELEPHONE JUST RIGHT FOR YOU

Phone With Auto-Dialer/Amplifier

NEW '85
FOR

139⁹⁵



- 32-Number Auto-Dialer ■ "Hands-Free" Two-Way Amplifier
- Programmable Tone/Pulse Dialing Works With Any Phone System

DU6FONE®-165. Versatile "all-in-one" phone stores up to 32 frequently called numbers for instant one-button dialing. Each of the 32 memory positions has a 28-digit capacity—you can even make overseas calls with the touch of just one key. Allows users with rotary-dial lines to access services requiring tone dialing, such as low-rate long distance and catalog ordering. Features a monitor button for on-hook dialing and a built-in two-way amplifier for "hands-free" family or conference calls. Has auto-redial that repeatedly calls the last entered number up to ten times if busy or unanswered. Amplifier has pushbutton on/off, hi/lo sensitivity, privacy "mute" controls, volume control for speaker and adjustable ringer. Great for desk or wall mounting. With modular connectors for adding longer cords, if desired. 3'11/16 x 8'5/8 x 9'13/16". Requires four "AA" batteries for memory backup. With 6-foot modular cord. 43-601 139.95



Available Nov. 30, 1984

Telephone With 32-Number Auto-Dialer

NEW '85
FOR

99⁹⁵

Available Nov. 30, 1984



- Programmable Tone or Pulse Dialing
- Monitor for On-Hook Dialing
- Battery-Protected Memory
- For Desk Use or Wall Mounting

DU6FONE-145. This convenient combination makes a valuable addition to any home or business. Stores up to 32 phone numbers of up to 28 digits each for accurate one-button dialing of often-called or emergency numbers. Switchable for tone or pulse dialing—works on any phone line. Users on rotary-dial lines can access low-rate long distance and other services requiring tone dialing. "Flash" button allows convenient use of special phone services such as Call Waiting. Pause key works with phone systems requiring an access code for the outside line. Pause can be entered manually or stored as a part of numbers in memory. Also has monitor button with volume control, automatic redial that calls the last number entered up to ten times if it was busy or unanswered, hi/lo/off ringer-adjust. Requires four "AA" batteries for memory backup. 3'1/2 x 5'1/2 x 10". With 6-foot modular cord, ready to plug in and use. 43-600 99.95

Desk Phone With Built-In Amplifier

- Switchable Tone or Pulse Dialing
- Full Two-Way Duplex Operation
- Ready-to-Use—Just Plug In and Talk

NEW '85
FOR

69⁹⁵

Available Oct. 30, 1984

DU6FONE-175. This versatile budget-priced phone is perfect for your office or den, even as an extension. Features a built-in speaker and two-way amplifier for "hands-free" family and conference calls, plus full duplex operation allows continuous two-way speakerphone conversations. Has microphone sensitivity control for optimizing performance, volume control and hi/lo/off ringer-adjust. When using pulse-dial you have touch-redial of last number called, and mute button for temporarily disconnecting microphone during a conversation. Switchable tone or pulse dialing allows rotary dial users to access services requiring tone. Phone-line powered. Also has a jack for optional-extra Power Adapter #273-1454 when line power is insufficient to power speakerphone properly. LED lights when amplifier is on. With 6-foot modular cord. 43-369 69.95



Phones on These Pages Are FCC Registered. Not for Coin or Party-Line Use. Auto-Dialers May Not Operate on Some Multi-Line Systems.

FEATURE-PACKED CORDLESS ELECTRONIC TELEPHONES

Our Best Cordless—Programmable Pulse or Tone Dialing

**NEW '85
FOR**

179⁹⁵



- Programmable Security Code Prevents Other Cordless Phones From Using Your Line
- 700-Foot Range for Walk 'n Talk Convenience
- One-Button Touch-Redial of Last Number Called
- 32-Number Memory Auto-Dialer
- 46/49 MHz Frequencies for Cleaner Sound

Radio Shack ET-410. Enjoy the convenience of talking from any room without twisting, tangling cords, plus the ability to program up to 32 phone numbers for automatic dialing. Lets rotary-line users utilize services requiring tone dialing. Also functions as a 2-way intercom when regular phone is connected to base. Handset features include "Flash" button for convenient use of special phone company services, such as call waiting, privacy and a LDT button for remotely activating tone when in pulse mode. Also has volume, power and separate ringer-loudness controls, audible range-limit tone and built-in rechargeable batteries. Automatic recharger in base. Base, 2 1/2 x 5 15/16 x 8 7/8". Handset, 1 3/4 x 2 9/16 x 9". U.L. listed. 43-551 179.95

Space Saver! Cordless Electronic Telephone With AM/FM Digital Clock Radio—Reduces Nightstand Clutter



149⁹⁵



Up to 100-Foot Range

- Compact Size is Perfect for Bedside or Desk Placement
- Phone has Touch-Redial of Last Number Entered
- Mute Button ■ On/Off Switch
- Large 0.6" LED Clock Display
- Hi/Lo Dimmer Switch
- Battery Backup/Battery Sentinel®



Chronofone™ ET-380. The perfect addition to your bedside! You get an extra-convenient cordless telephone with all the controls in the handset, plus an AM/FM clock radio as the decorative base unit. Phone features Talk/Standby switch that works like a hookswitch for answering and hanging up remotely, LED low-battery indicator and built-in nickel-cadmium batteries that recharge automatically when handset is in the base unit. Universal dial system for pushbutton convenience even on rotary-dial lines. Clock has top-mounted time/alarm-set controls, p.m. and Wake indicators and Battery Sentinel to tell you if battery is weak or not installed. You can wake to music or alarm and there's a snooze button for a few extra minutes of sleep. LED battery charge indicator, earphone jack, and modular phone plug. Simulated woodgrain. Base, 3 1/4 x 10 1/2 x 7 7/8". Handset, 1 1/2 x 2 1/4 x 8". Requires 9V battery for memory backup. U.L. listed. 43-274 . . 149.95

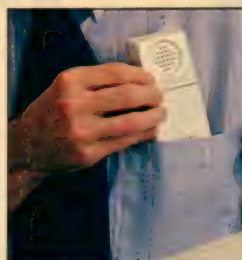
NOTE: Phones on these two pages are all FCC registered and include a standard modular plug (RJ11). Just plug in, and talk. Not for coin or party-line use.

SHOP THE TELEPHONE BOOTH® FOR CORDLESS PHONES

The Most Compact Cordless Phone Ever—Folding Mini Handset



159⁹⁵



NEW '85 FOR

Small Enough to Fit In Your Pocket
Base Rests on Any Flat Surface

- 700-Foot Range ■ Switchable Pulse/Tone Dialing
- Selectable Security Code Prevents Other Cordless Telephones From Dialing on Your Line
- New 46/49 MHz Frequencies for Clearer Sound

Radio Shack ET-415. The handset is small enough to fit in a shirt pocket. Touch-redial of last number called. Convenient "cancel" button for making a series of calls, separate ringer and volume control. Built-in rechargeable batteries. Switchable tone/pulse dialing lets non-tone lines access services requiring tone dialing. Base unit has page button to call handset. Includes handset carry pouch. Handset, 1 1/4 x 2 1/2 x 5 3/8". Base, 2 5/8 x 5 3/8 x 8 1/4". U.L. listed.

43-555 159.95

Available Oct. 30, 1984

Cordless Telephone With Programmable 16-Number Memory

- 10,000-Combination Programmable Security Code
- Switchable Tone/Pulse Dialing
- Talk Up to 700 Feet From Base
- One-Button Touch-Redial

Cordless Telephone Carry Case

4⁹⁵



Belt Loop

Protection and portability for most cordless phones.
43-190 4.95

Radio Shack ET-400. Lets you program up to 16 numbers for instant auto-dialing of often-used or emergency numbers. "Flash" button allows convenient use of special phone company services, such as call waiting. New 46 and 49 MHz frequencies for cleaner sound. Handset has privacy button, LDT button for remotely activating tone when in pulse mode and built-in rechargeable batteries. Automatic recharger in base. Handset, 1 3/4 x 3 1/8 x 9 1/8". Base, 2 3/8 x 3 1/8 x 9 1/8". U.L. listed.

43-550 139.95

139⁹⁵



NEW '85 FOR



Even Our Lowest Priced Cordless Phone Lets You Dial and Hang Up From Handset

- Touch-Redial ■ 100-Foot Range
- Privacy Button Eliminates Need to Cover Mouthpiece With Your Hand

99⁹⁵

Was \$119.95 in 1984 Catalog



NEW LOW PRICE!



Radio Shack ET-320. A convenient and stylish addition to any home or office. The pushbuttons and controls are all on the portable handset, so you can call, answer, hang up, and redial anywhere—up to 100 feet from the base. Universal dial system works on all telephone lines—rotary or tone dialing. And it's ready to use—quick and easy connection with modular phone plug and AC cord. Built-in antenna. Handset has built-in rechargeable nickel-cadmium batteries with recharger in the base. Features low-battery, talk and recharging LED indicators. Base, 3 x 3 x 9 1/2". Handset, 2 x 2 1/4 x 8 1/4". U.L. listed.

43-268 99.95

All Radio Shack Phones Are FCC Registered and Perfectly Legal to Use



AUTOMATIC TELEPHONE ANSWERING SYSTEMS

**Microprocessor-Controlled Answerer
With Multi-Function Remote Control**

**NEW
FOR '85**

179⁹⁵



Available Oct. 30, 1984

- All-Electronic Feather-Touch Controls, Including Erase During Rewind and Auto-Advance to Next Message
- Remote Control Lets You Call From Any Phone to Hear Incoming Messages or Change Your Announcement
- Dual-Cassette System With Voice-Operated Recording
- Selectable Outgoing and Incoming Message Lengths

DUOFONE® TAD-214. Records callers for up to three minutes or delivers announcements only. Audible review for finding messages fast, ring delay, call-monitor, 2-way record. With built-in mike, fast-forward, tape counter, LED function indicators. Answerer, 2¹/₁₆ × 10¹/₁₆ × 9¹/₁₆". Remote, 1¹/₂ × 2⁵/₁₆ × 4³/₈". Remote requires 9V battery. U.L. listed. 43-316 179.95

Dual-Cassette Answerers



A

**NEW LOW
PRICE!**

With Remote Control

139⁹⁵

Was \$159.95
In 1984 Catalog



B

**NEW LOW
PRICE!**

99⁹⁵

Was \$119.95
In 1984 Catalog



- Dual Cassettes Make It Easy to Store and Change Message and Announcement Tapes
- Voice-Activated Operation ■ Switchable Message Length
- Records Callers Up to 3 Minutes or Announcements Only

DUOFONE TAD-112A. Remote control lets you call from any telephone to review your messages. Voice activation saves tape. Save time by erasing old messages while rewinding. When you're at home, call-monitor lets you screen all incoming calls before you answer. Built-in mike, single-control operation, fast-forward, three LED function indicators. Selectable ring delay lets you determine the number of rings before the machine answers. Answerer, 2³/₄ × 9³/₄ × 7¹/₄". Remote, 3¹/₄ × 2¹/₄ × 1". Remote requires 9V battery. U.L. listed. 43-247 139.95

DUOFONE TAD-111A. Same features as above, without remote control. 43-246 99.95

Budget Dual-Cassette Answerer

**NEW LOW
PRICE!**

Was \$89.95
In 1984 Catalog

79⁹⁵

- Records up to 120 Incoming Messages
- Adjustable Message Length



DUOFONE TAD-210. Easy-to-use single-knob function control. Fast-forward lets you scan specific messages. Call-monitor lets you know who's on the line before you answer. Ringer adjust sets number of rings before answering. "Announce-only" setting. LED indicators. 2⁷/₈ × 8³/₈ × 8⁵/₈". U.L. listed. 43-309 79.95

Announce-Only Answering System

49⁹⁵

**Greets Callers
With Your Own
Personalized
Message**



DUOFONE TAD-100. The perfect "answer" for businesses, church groups and other organizations where an announcement is all that is required. Does not record calls. Built-in microphone for recording your messages. 3¹/₄ × 5³/₄ × 5¹/₄". U.L. listed. 43-244 49.95

ADVANCED FEATURE-PACKED PHONE ANSWERERS

Our Best! Microprocessor-Controlled Answering System

NEW '85
FOR

299⁹⁵

AS LOW AS



\$27 PER MONTH

- Full-Function Remote Control With Programmable Security Code for Complete Privacy
- Digital Display Shows Time, Date and Message Number

DUÖFONE TAD-220. The one that "does it all". Features dual-cassette operation with selectable, dual outgoing messages. Voice-operated recording with adjustable activation time saves tape. Hear messages or record new announcements from any phone with remote. Sends toll-saving tone over phone lines if there are no new messages. Two-way record lets you tape your phone conversations. Built-in mike for dictation—or use optional hand-held mike. Feather-touch controls include rewind, erase, back-space and cue memory. Earphone jack. Answerer, 4 1/4 x 12 x 9 1/4". Remote, 6 x 2 1/2 x 3/4". Remote requires only four "AAA" batteries. U.L. listed. 43-318 299.95



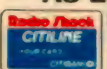
Doubles as a Recorder
And Dictation Machine

Breakthrough! Voice-Activated, Remote-Control Telephone Answerer

NEW '85
FOR

239⁹⁵

AS LOW AS



\$25 PER MONTH

- Control Functions From Any Telephone Without a Remote Control Unit—It Responds to Your Voice
- Security Code Lets Only Authorized People Use Remote
- Allows Recording of Your Two-Way Conversations

DUÖFONE TAD-215. Voice synthesization lets the answerer communicate with you. Dial from any phone and verbally identify a 2-digit code number. The answerer asks questions—"Play back new messages?", "Play back all messages?"—and more. You respond by saying "Yes," or remaining silent. Repeat messages or change announcement. LEDs display number of incoming messages, function in progress. Dual-cassette operation, "announce-only" setting, call-monitor, selectable ring delay. Soft-touch button operation. 3 1/8 x 10 x 10 1/4". U.L. listed. 43-319 239.95



"Customized" Answerer Tapes

NEW '85
FOR

5⁹⁵
Each

Choose From Ten Recorded
Messages on Each Tape

Office/Home Edition. Makes your announcements in a professional or a humorous manner. 43-415 5.95
Comedy Edition. Impersonators of Rodney Dangerfield, W.C. Fields and eight other famous names answer your phone! 43-416 5.95



Announcement and Message Tapes

Type	Recording Time	Cat. No.	Each
Announcement	10 Seconds	43-405	5.95
Announcement	15 Seconds	43-403	5.95
Announcement	20 Seconds	43-401	5.95
Announcement	30 Seconds	43-402	5.95
Announcement	45 Seconds	43-404	5.95
Announcement	60 Seconds	43-406	5.95
Announcement	3 Minutes	43-407	5.95
Message	60 Minutes	43-410	2.39
Message	90 Minutes	43-411	2.49

NOTE: All DUÖFONE answerers (except TAD-100) include both an announcement and message cassette and are ready to plug in

CONVENIENT AUTO-DIALERS AND AMPLIFIERS

Automatic 32-Number Memory Dialer



NEW LOW
PRICE!

59⁹⁵

Was \$79.95 in
Catalog 376

- Switchable Tone or Pulse Dialing
- LED "Store" and "Dialing" Indicator
- Stores # and * Symbols for Use With Many Computerized Services

Built-In Backup System Protects
Memory if AC Power Fails

DU6FONE®-332. Now it's easy to save time and eliminate wrong numbers with this pulse/tone switchable auto-dialer. Connects easily to your phone jack for access to bank-by-phone and similar services, and use with alternate long-distance systems like MCI and Sprint. With modular plug—ready to use! 1 1/2 x 5 1/16 x 5 1/16". With U.L. listed AC adapter.

43-298

59.95

Our Best Phone Amp



49⁹⁵

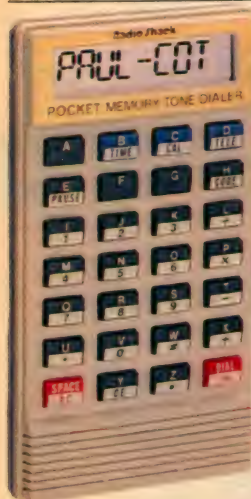
Auto-Sensitivity Adjustment

DU6FONE-101. Automatic talk/listen switching for conference calls. Mute button for listening only. Volume control. Phone line powered, no batteries required. 1 1/16 x 6 1/16 x 7". 6-ft. cord, modular plug.

43-277

49.95

Deluxe LCD Pocket Tone-Dialer—Even Calls Overseas Numbers



NEW '85
FOR

59⁹⁵

TANDY ADVANCED
TECHNOLOGY
SERIES
Radio Shack
AND AFFORDABLE TOO

- Memory Stores 84 Numbers of Up to 32 Digits Each
- Built-In 4-Function Calculator
- Alpha/Numeric Display

Our best, most versatile dialer, and you can use it from most telephones. Easily call numbers by entering the name or initials (up to eight digits) you've assigned them. When you're traveling, a handy "code" key recalls and dials the necessary area code. Time function displays hours, minutes, seconds. Auto-shutoff saves on batteries. Includes batteries. 43-142

59.95

Compact Phone Amplifier



29⁹⁵

Just Plug Into Modular Jack

Enjoy hands-free conversations, family and conference calls at a bargain price. Phone-line powered—requires no batteries. Rotary volume control, privacy and sensitivity pushbuttons. 3 5/8 x 6 x 4 1/4". With 5-ft. cord and modular plug for instant installation. 43-278

29.95

Handy Pocket Tone-Dialer



NEW LOW
PRICE!

Was \$24.95 in
1984 Catalog

19⁹⁵

Saves
You
Money!

Utilize long-distance systems like Sprint and MCI and other services requiring "tone" signals—from most phones. For Ham radio auto-patch, too. With batteries. 43-138

19.95

Tone-Dialer With Memory

NEW LOW
PRICE!

Was \$59.95 in
1984 Catalog

39⁹⁵

Fits in Your
Pocket

This electronic "telephone book" stores up to 32 numbers. Use services requiring tone entry from most phones. Last-number auto-redial. With batteries and ready to use.

43-140

39.95



Amplified Phone Receiver Handset

NEW '85
FOR

32⁹⁵

Perfect for People With
Impaired Hearing

Boosts sound when weak connection or background noise makes hearing difficult. Volume control. Replaces modular handset—no rewiring. 43-269

Not for use on phones with dial in handset. May be incompatible with some electronic phones.



QUALITY RADIO SHACK TELEPHONE ACCESSORIES

Home Monitor "Tells" You What's Going On While You're Away

Voice Synthesized!
It Actually
"Talks"

NEW LOW
PRICE!

199⁹⁵

Was 219.95 in
1984 Catalog

USE YOUR
RADIO SHACK
CITILINE
LOCAL CALL
CITYLINE

- Monitors Conditions in Your Home or Office—Checks for Power Failure, Temperature, Burglar and Smoke Alarm Problems
- Automatically Calls Up to Four Telephone Numbers and Its Voice Synthesizer Delivers Spoken Messages in Plain English
- Call From Anywhere, Anytime to Check the Status of Your Home

DUOFONE® Home Monitor. A complete home or office watchman. Monitors to determine if electricity is on, that temperature is within preset limits, and detects loud sounds such as smoke or burglar alarms. Also monitors up to three other conditions of your choosing. If there are disruptions, Home Monitor automatically telephones you or another party continuously until message is received. You can even listen to your home's interior, for unusual sounds or noises, through a built-in mike. Voice synthesizer states time and temperature upon command. Also functions as an 8-number automatic pulse phone dialer when you're at home. Battery backup powers system up to 15 hours if AC fails. Voice synthesizer also warns if battery is low. Use it on any flat surface or mount it on wall. Modular connector with 6-ft. cord. Not for coin or party lines. $2 \times 7\frac{3}{4} \times 8\frac{5}{8}$ " U.L. listed AC operation. Requires six "D" batteries for backup. The "last word" in home security!

43-165 199.95



Low-Cost Telephone Handset Amplifier

Plugs Into
Modular Handset

19⁹⁵

Attaches to most phones and boosts caller's voice. Ideal for the hearing-impaired. $4 \times 2\frac{1}{4} \times 7\frac{1}{8}$ ". Requires 9V battery.

43-237 19.95

Not for use on phones with dial in handset. May be incompatible with some electronic phones.



Phone not included

Multi-Extension Recording Control

Plugs Into Most
Cassette Recorders

24⁹⁵

Record telephone conversations from any convenient extension to help keep track of your calls. $2\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ".

43-236 24.95



Easy-to-Use Portable Telephone Listener

9⁹⁵

No Wiring
Required

Amplifies calls so others can listen. With suction cup pick-up, volume control. $2 \times 3 \times 4\frac{3}{4}$ ". Requires 9V battery.

43-231 9.95

Single-Phone Recording Control

19⁹⁵

Plugs into remote mike jack of most portable cassette recorders. Starts and stops recorder automatically. modular plug. $1\frac{3}{4} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". 43-228 19.95



Portable Snap-On Handset Amplifier

Attaches Easily
To Earpiece

11⁹⁵

Boosts caller's voice up to five times normal volume. Handy for noisy areas or the hearing-impaired. Take it along, use anywhere. Volume control. With battery.

43-238 11.95

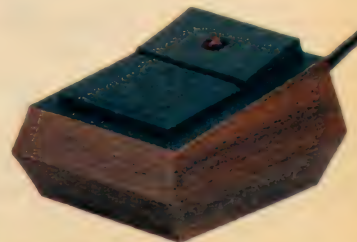


Low-Cost Telephone Privacy Device

NEW '85
FOR

19⁹⁵

Teleprotector. Instant warning of someone listening in on extensions. Disables many recording devices, too. Plug-in hookup. 43-124 . . 19.95



All Radio Shack Phones and Accessories Are FCC Registered and Ready to Plug in With Standard Modular Connectors

MULTI-LINE CONTROLLERS EXPAND YOUR SYSTEM

Deluxe 2-Line Controller With LED Line Status Indicators



NEW FOR '85

69⁹⁵

Available Oct. 15, 1984

Add a Single-Line Phone, Answerer or Other Accessory To Two Different Lines Without Having to Buy Separate Devices For Each Line!

LED Status Indicators for Each Line Automatically Let You Know When Either Line is in Use

Use a phone, answerer or other device on either of two lines. LED line status indicators display slow flash for incoming calls, fast flash for calls on hold and steady-on when line is in use—even shows if line is in-use by a phone device not connected to a deluxe controller. Put a call on hold while you make, answer or continue a call on the other line, or put both lines on hold. Distinctive internal ringers for each line. Buy several to create your own 2-line phone system. 2¹/₂ x 4³/₄ x 3³/₄". Includes U.L. listed AC adapter.

43-382 69.95

2-Line Controller With Ringer

NEW FOR '85

39⁹⁵

- Distinctive Internal Ringers for Each Line
- Adapts Any Single-Line Equipment to Two-Line



Use one single-line phone device with two separate lines. Hold feature on either or both lines. LED ringing and hold indicators. Phone line powered. 2¹/₂ x 3⁷/₈ x 3". 43-380 39.95

Automatic 2-Line Controller

NEW FOR '85

49⁹⁵

Automatically Transfers Incoming Calls From Two Different Phone Lines To Any Single-Line Telephone Device or Answerer



Permits manual selection of either unused line for making outgoing calls. LEDs show which line was answered. 2¹/₂ x 3⁷/₈ x 3". Includes U.L. listed AC adapter. 43-381 49.95

Modular Multi-Line Controller



39⁹⁵

Now you can connect single-line equipment to standard 1A2 multi-line telephone systems. 5 x 2¹/₂ x 2³/₄".

43-233 39.95

Single-Line Phone Tap

14⁹⁵

Increase the Versatility Of Your System

Easy and inexpensive way to add a single-line telephone answerer or dialer to Line-1 of your standard 1A2 business phone. 1¹/₄ x 2³/₈ x 4".

43-271 14.95



Multi-Line Adapter

4⁹⁵

Provides 1 and A1 Supervisor Activation

Controls 1A2 key system indicator-lights when using single-line phones or other devices with multi-line systems. Easy hookup. With modular plug. 43-117 4.95



Pushbutton Multi-Line Console

69⁹⁵

- Works Like the Buttons On Multi-Line Phones
- Lets You Select Any One of Five Lines
- Place Calls On Hold
- LEDs Indicate Status
- Selectable Ringing

The Low-Cost Way To Greatly Increase The Versatility of Your Phone System!



Adds the convenience of switching to single-line phones or other single-line devices like answering machines, dialers, and amplifiers. Selectable ringing lets you ring only a selected line, ring all lines (if your system has the common ringing feature), or not ring at all. Requires and is compatible with most standard 1A2 key telephone systems that use Amphenol-type connectors. 2¹/₂ x 4¹/₂ x 6".

43-241 69.95

JACKS, PLUGS & CORDS FOR DO-IT-YOURSELFERS

Wall Plates and Jacks

NEW '85



All Jacks Can be Connected for RJ11 Single-Line or RJ14 Two-Line Use

- A** Round. 279-392 5.95
- B** Rectangular. 279-352 4.95
- C** Dual Modular Phone Wallplate. Use to provide two jacks with same numbers or four separate lines. 279-350 6.95
- D** Wall Phone Plate. Standard plate for use with modular wall telephones. 279-387 6.95
- E** Quick-Connect Jack. Convert wall block for modular plug. Spade terminals. 279-355 2.19
- Modular Jack.** As above, with snap-on clips. 279-386 2.99
- F** Surface-Mount Jack. 279-353 4.95

Modular Plugs, Jacks And Adapters



- G** Quick-Plug. Convert older phones for use in modular phone jacks. Accepts spade lugs or bare leads. 279-375 2.49
- H** Duplex Jack. Couples two phone devices from one jack. 279-357 4.95
- J** Cord Adapter. Converts modular phone plug to 4-prong plug. Allows you to connect a modular phone to a 4-prong jack. 279-351 3.95
- K** Inline Coupler. Interconnects two modular line cords. 279-358 2.95
- L** Plug Adapter. Converts 4-prong plug to modular plug for use with newer installations. 279-393 3.95

Modular Extension Cords



- M** 18-Ft. Coiled Modular-to-Modular. Satin, 279-395. White, 279-396. Brown, 279-397 ... 5.95
- N** 12-Ft. Modular-to-Modular. 279-374 4.95
- 25-Ft. 279-356 5.95
- N** 5 1/4" Modular-to-Modular. 279-390 1.19
- O** 25-Ft. Extension/Converter. Modular-to-spade lugs. 279-364 5.95
- O** 12" Modular-to-Spade. 279-391 1.29

Dual-Jack Extension Cord

Modular plug at one end, dual jacks at other (RJ11/14).

- 12-Ft. 279-373 6.95
- 25-Ft. 279-363 7.95

Modular Handset Cords

NEW '85

Color	Cat. No.	Each
White	279-301	5.95
Almond	279-302	5.95
Beige	279-303	5.95
Brown	279-304	5.95



Modular Jack/Wiring Block

4⁹⁵

NEW '85

RJ11/14 modular jack with standard wiring block. 279-349 4.95

Outdoor Wallplate

8⁹⁵

NEW '85

Weather resistant modular jack (RJ11/14). With hardware, instructions. 279-340 8.95

Modular Duplex Wall Phone Adapter

9⁹⁵

Install your wall phone and accessory equipment. With hardware, instructions. 279-359 9.95

Entrance Bridge

7⁹⁵

Install it Yourself

Provides distribution or connecting point with two screw terminals for each of the four conductors. Use to connect to phone company network interface. 279-394 7.95

Jacks and Terminal Blocks



- P** Quick-Connect Jack. Converts 42A terminal block to 4-prong jack. 279-368 2.19
- 4-Prong/Modular Jack.** 279-360 6.95
- Q** 42A Connector Block. Terminal block with screw terminals for spade lugs. 279-389 2.19
- R** 4-Prong Jack. Accepts standard 4-prong plug. With mounting hardware. 279-367 1.19
- Wall Plate 4-Prong Jack.** 279-1507 2.59

2-Line Coupler & 3-Way Jack

6⁹⁵

NEW '85



- W** Two-Line Coupler. Combines two telephone lines with separate jacks (RJ11) into a single dual-line (RJ14-type) jack. Permits use of two-line controllers. Two 6-ft. long cords. 279-401 6.95
- X** Two-Line, 3-Way Jack. Adds two single-line connections (RJ11) to a two-line telephone jack (RJ14). Allows for connection of single-line phone devices without losing a connection for two-line devices. 279-402 6.95

4-Prong Plugs & Extensions



- S** Plug. Fits standard jack. 279-366 99c
- T** Dual Jack-in-a-Plug. Two jacks with a single plug. 279-370 2.29
- U** Jack-in-a-Plug. Two connections to one jack. 279-369 1.89
- V** 15-Ft. Extension Cord. 279-1260 2.29
- 30-Foot Extension Cord. 279-1261 3.99

Modular Crimping Tool



2⁴⁹

7⁹⁵

Z

- Y** Modular Line-Cord Connectors. Use with tool below. 279-384 ... Pkg. 10/2.49
- Z** Crimping Tool. Makes it easy to install modular line plugs on 4-conductor modular cable. 279-388 7.95

4-Conductor Phone Cables

Description	Cat. No.	Each
50-Ft. Modular	278-365	5.49
100-Ft. Modular	278-366	10.98
50-Ft. 24GA Solid	278-372	5.49
100-Ft. 24GA Solid	278-373	10.95
24GA Solid, in Bulk Quantity	278-1320	10¢ Ft.



PHONE HELPERS—MORE TALK FOR LESS MONEY

Lightweight, Hands-Free Telephone Headset



59⁹⁵ Was \$69.95 in 1984 Catalog

DUÖFONE-99. Ideal for receptionists, busy executives, anyone who needs both hands free when talking by phone. Amplifier box has volume control and attaches easily to most modular handset cords. With regular and small foam earpieces, adjustable mike boom, six foot cord with "clothes clip". **43-169 59.95**

FCC registered. Not compatible with some electronic phones.

Outdoor Telephone Bell Ringer

NEW FOR '85 39⁹⁵



- Great for Porch or Patio
- Easy Plug-In Installation

Ideal alternative to an outdoor phone. Works indoors as well. Features two four-inch bells for loud, clear sound and weather-resistant plastic housing for protection against the outside elements. With modular plug. FCC registered. **43-176 39.95**

Handy Telephone Line Tester



NEW FOR '85 3⁴⁹

Locates Phone-Line Troubles Instantly!

Convenient line tester saves you money—no more unnecessary telephone company service calls. Simply plug tester into modular phone jack and it immediately indicates whether your line is operational. Has two LED indicators—one red, one green. Completely safe to use. Phone-line powered.

43-101 3.49

Fone Flasher! "See" Your Phone Ring

NEW FOR '85 17⁹⁵



Simultaneously Flashes Light When Phone Rings

The perfect telephone accessory for noisy areas or those with impaired hearing. Easy to install—just plug into any AC outlet and modular phone jack, then plug desired lamp into flasher and it's ready to use. For incandescent bulbs up to 300 watts. U.L. listed. FCC registered. **43-177 17.95**



Ringer Silencers



Low As **6⁹⁵**



[A] Phone-Mount. Silences ringer for privacy, yet allows you to place calls if desired. Handy on/off switch, clip-on mount. **43-128 6.95**

[B] Remote. As above, but on 7-ft. modular line cord. **43-127 7.95**

Automatic Phone Directories Save Time

- Store Over 300 Numbers
- Forward And Reverse

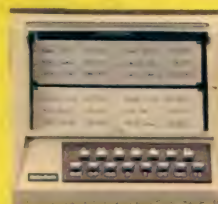


6⁹⁵

[D] 24⁹⁵

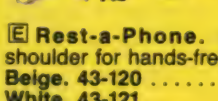
[C] Portable. Fast electric-operated drive. 5 1/8 x 3 3/4 x 1 1/8". Requires two "AA" batteries. **43-112 6.95**

[D] Desktop. As above, except with instant, direct-to-the-letter push-key operation. 4 5/8 x 5 3/4 x 7 3/8". Requires two "C" batteries. **43-105 24.95**



Phone Rests

Low As **3⁷⁹**



[E] Rest-a-Phone. Rests on shoulder for hands-free talking. **Belge. 43-120 3.79**

White. 43-121 3.79

[F] Soft-Shoulder Rest. As above, but padded. **Belge. 43-122 4.99**

Almond. 43-123 4.99

Stick-On Pen

[G] Adhesive-mount. 43-110 89¢

2-Station, Battery-Powered Wired Intercom



14⁹⁵ Pair

- Includes 66-Foot Cable
- For Desktop or Wall Mounting

Ideal for your home, as well as campers, motorhomes and boats. Remote can signal master even when system is "off". 1 3/4 x 3 1/16 x 4 1/8". Requires 9V battery. **43-221 Pair 14.95**

4-Station, Battery-Powered Wired Intercom



24⁹⁵ Set of 4



Save Time and Steps—Push a Button

A "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press Talk-Bar on any remote to signal master. Master, 1 3/4 x 4 1/8 x 4 7/8". Remotes, 1 3/4 x 3 x 4 1/8". With three 66-foot cables. Requires 9V battery or AC adapter. **43-216 Set of 4/24.95**

PLUG 'N TALK® FM WIRELESS INTERCOM SYSTEMS

Handy Wireless Monitoring System

29⁹⁵
Set

Doubles As a Convenient
One-Way Intercom System



Keep an "Ear"
On Child's
Room While
You Cook,
Clean, Relax

Low-cost monitoring system is ideal for "babysitting" from another room or as a one-way intercom for shut-ins. FM system minimizes interference. Transmitter has on/off switch. Receiver has on/off volume control. No wiring needed—just plug in. 17/8 x 3 x 37/8". U.L. listed. 43-208 Set 29.95

3-Station, 2-Channel System With "Call-Tone" Signaling

99⁹⁵
Set of 3



Adjustable Squelch for
Noise-Free Operation

Top value! Talk with either station without disturbing the other. Each station has locking Talk-bar for hands-free or continuous monitoring, Call-tone button for signaling the station of your choice, channel selector and volume control. For desk use or wall mounting. 13/4 x 3 1/2 x 6 7/8". U.L. listed.

43-217 Set of 3/99.95

Our Best System! 3-Station, 2-Channel

129⁹⁵



- Automatic Squelch
- PLL Circuitry Locks Stations On Channel
- Just Plug Into AC

Talk Room-to-Room Set of 3
Without Shouting!

Two channels let you talk with either station without disturbing the other. Automatic squelch keeps stations silent between calls. Each station has Call-tone, Talk controls, lock switch, volume control, channel selector and LED "talk" and "receive" indicators. 13/4 x 6 1/2 x 5 1/2". U.L. listed. 43-214 Set of 3/129.95

Wireless Intercoms Work Up to 300 Feet Apart and Usually Between Neighboring Houses and Apartments

Budget-Priced 2-Station System

49⁹⁵
Pair

Compact—Perfect for
Placing on Desktops or
Mounting on the Wall



Reliable communication at a bargain price! Easy to install—just plug into AC outlets. Each station has Call-tone that alerts other station, lock position for hands-free talking or continuous monitoring, volume control and LED "on" indicator. 17/8 x 5 7/8 x 4". U.L. listed. 43-207 Pair 49.95

2-Station With Lighted Talk-Bar

69⁹⁵
Pair

Lighted Talk-Bar
Doubles As a
Convenient Nightlight



A real step-saver system. And it's easy to use—just press Talk-bar to speak, or Lock-bar for hands-free talking or continuous monitoring. Each station has volume control, Call-tone button and squelch. Ideal for desktop or nightstand. 13/4 x 6 3/4 x 4 3/4". U.L. listed.

43-212 Pair 69.95

"Phone Style" 2-Station Intercom System

69⁹⁵
Pair

- Simultaneous Talking With No Buttons to Push
- Designed for Your Privacy

Exciting system uses two separate frequencies to send and receive—you just talk like it's a regular telephone. Lift handset off base to call and pleasant "ringer" sounds at other station. LEDs on each station blink when calling, steady when answered. No wiring—just plug into AC outlet. For desk use or wall mounting. 3 1/8 x 3 1/4 x 9". U.L. listed.

43-205 Pair 69.95



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Covers 87.4 to 108 MHz FM and 150-29,999 kHz AM/CW/SSB

SPECIFICATIONS. Sensitivity: AM (except broadcast and LW), 1 µV for 10 dB S/N; SSB, 0.5 µV for 10 dB S/N; LW, 5 µV for 10 dB S/N; Broadcast, 300 µV/m for 6 dB S/N; FM, 5 µV for 30 dB quieting. Selectivity: Wide, ±3 kHz at 6 dB, ±6 kHz at 50 dB; Narrow, ±2.5 kHz at 6 dB, ±5 kHz at 50 dB. Bands: AM/SSB(USB and LSB)/CW, 150-29,999 kHz; FM 87.4-108 MHz. Power Requirement: 120 VAC, 12VDC neg. gnd. or six "C" batteries (not incl.). Requires two "AA" batteries for memory. Size: 6 x 12 3/8 x 3 1/2".

Shortwave Accessories to Complete Your Listening Post

SW Antenna Kit



8⁴⁹

75-foot copper wire, insulators, lead-in, standoffs, window feed thru. 278-758 8.49

Mono Headset

7⁹⁵

Adjustable headband, padded earcushions. 4-16 ohms, 1/4" plug. 20-200 ... 7.95



Lightweight Mono Headset

9⁹⁵

Has adjustable headband and foam earcushions. 1/4" plug. 4-16 ohms. 20-210 ... 9.95



Morse Code Key

5⁹⁵

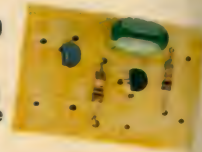


Adjustable tension and contact spacing. Ball bearing pivots. 20-1084 5.95

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2⁷⁹

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Available Sept. 30, 1984

**Pocket
VHF-TV Sound**

**Channels 2-13
VHF-TV Sound**

**VHF-TV Sound,
Police, Weather**

**Channels 2-83
UHF/VHF-TV Sound**

29⁹⁵

44⁹⁵

**NEW
FOR '85**

59⁹⁵

79⁹⁵

A Realistic Pocket PortaVision. Enjoy the audio portion of TV shows anywhere! One-hand slide-rule tuning. Ceramic filter cuts interference. 2 1/4" speaker, AC adapter jack. Telescoping antenna. 6 x 3 1/2 x 1 3/4". With earphone. Requires 9V battery. 12-613 29.95
AC Adapter. U.L. listed. 273-1455 6.95

B Realistic Personal PortaVision. Features automatic AC-to-battery switching, RF amplifier for real signal-pulling power, ceramic filter to cut interference, 3" speaker. Telescoping antenna. 7 7/8 x 10 x 3 1/2". With earphone. U.L. listed AC operation or four "C" batteries (not incl.). 12-660 44.95

C Realistic PortaVision-50. Built-in AFC to lock-in FM stations, squelch and tone controls. 3 1/2" speaker. Telescoping antenna. 9 1/8 x 10 7/8 x 3 1/2". U.L. listed AC operation or four "C" batteries (not incl.). 12-780 59.95

D Realistic PortaVision-55. Our best portable with TV sound! Receives AM, FM, VHF-TV channels 2-13, and UHF-TV channels 14-83. "Click-stop" UHF tuner has fine-tuning for best reception. Rotary tone control. 3 1/2" speaker. Telescoping antenna. 7 1/4 x 11 1/2 x 3 1/2". With earphone. U.L. listed AC operation or six "C" batteries (not incl.). 12-778 79.95

Sensitive Pocket AM/VHF-Air

19⁹⁵



AM/VHF Aircraft

- Hear Planes and Towers Talk
- Take It Along To Air Shows



Jetstream[®]. Listen to exciting aviation messages on the 108-135 MHz band or tune in your favorite AM stations. 2 1/2" speaker, AM/VHF bandswitch, built-in loopstick AM antenna, telescoping VHF antenna. 4 3/4 x 2 7/8 x 1 5/8". With earphone and handy carry strap. Requires 9V battery. 12-601 19.95

Police, Air, Shortwave, AM/FM



99⁹⁵

**USE YOUR
Radio Shack
CITIZEN
High Power**

**AM, FM, VHF-Hi,
VHF-Lo, UHF,
6-18 MHz SW**

Patrolman[®] SW-60. Hear police, aircraft, foreign stations, VHF weather and more on six exciting bands. All-band fine-tuning, AC-to-battery automatic switching, squelch, 4" speaker, 1/4" headphone jack. Telescoping antenna. 10 1/2 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-779 99.95

Air, 3 Shortwave, AM/FM



69⁹⁵

**AM, FM, 108-136 MHz
VHF-Air, 3-6.5 MHz,
6.5-13 MHz, 13-26 MHz**

Realistic DX-66. Six bands! Tune in AM, FM, VHF-Air and worldwide shortwave. All-band fine-tuning, AC-to-battery automatic switching, FM AFC, 4" speaker, 1/4" headphone jack. Telescoping antenna. 10 1/4 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-767 69.95

There's a Radio Shack Store Near You—Wherever You Are

STEREO-MATE® PERSONAL PORTABLE RECEIVERS



Our Smallest AM/FM Receiver

39⁹⁵

- Separate Right and Left Volume Controls
- FM Stereo LED Indicator
- Vinyl Carrying Case

Superb stereo from a receiver that's only 1/2" thick and feathery light! Built-in AFC assures drift-free FM listening. With convenient thumbwheel tuning control and full-width slide-rule dial. Power on/off switch. Only 4 3/8 x 2 3/4 x 1 1/2". Requires two "AA" batteries.

12-115 39.95

Stereo Headphones

From
4⁹⁵



See Radio Shack's complete selection of lightweight stereo headphones. Perfect for use with the personal portables shown on this page. See page 31 for details.

AM/FM Stereo Featuring Easy-to-Tune Dial

29⁹⁵

- Balance Control
- Built-In FM AFC

Thin design, but full AM/FM sound. With rotary tuning and volume controls, mono/stereo switch. 5 3/8 x 2 15/16 x 5/8". Requires two "AAA" batteries. 12-116 29.95



Value-Priced, Slim-Style AM/FM Stereo

**NEW '85
FOR**

24⁹⁵

- Separate Left/Right Sliding Volume Controls
- Mono/Stereo Switch ■ FM Stereo LED Indicator

Less than 1" thick, yet packed with features. Large rotary tuning control, AM/FM selector switch, power on/off, and carrying pouch. 3 15/16 x 2 1/2 x 9/16". Requires two "AAA" batteries. 12-119 24.95

Ultra-Compact, Lightweight FM Stereo

19⁹⁵

Ceramic Filter for Superior FM Reception

Fits in shirt pocket or clips to your belt. Built-in AFC for drift-free reception, LED stereo indicator, stereo/mono switch for best reception. 3 7/8 x 2 3/8 x 1". With carry case. Requires 9V battery. 12-109 19.95

Systems With Built-In Speakers—Share the Music

AM/FM Stereo With 4" Speakers

59⁹⁵

- Removable AM/FM Pocket Receiver
- For Home Or Portable Use



Listen through the speakers, or slide out the pocket receiver for headset stereo. Separate hi/lo bass/treble controls, 60-minute sleep switch, aux jacks. With receiver carry case. 5 3/8 x 12 7/8 x 2". Requires four "C" batteries and three "AAA" batteries. 12-707 59.95

Listen to Stereo With Headphones or to AM/FM Through a Built-In Speaker

**NEW '85
FOR**

24⁹⁵

Pocket Size

Features FM stereo LED, AM/FM selector switch, 2" speaker. Includes carry case and shoulder strap. 5 5/16 x 2 3/4 x 7/8". Requires two "AA" batteries.

12-118 24.95

Available Nov. 15, 1984



**NEW '85
FOR**

29⁹⁵

Big slide-rule dial, stereo/mono switch, dual volume controls, FM stereo LED, 2 1/4" speaker. 4 3/8 x 7 x 1 1/4". Requires four "AA" batteries. 12-117 29.95
DC Adapter. 273-1454 5.95

All STEREO-MATE Receivers on This Page Require Lightweight Headphones With 1/8" Plug

GREAT-SOUNDING REALISTIC® AM/FM PORTABLES



Packed With Features

NEW '85 FOR

29⁹⁵

- Wide-Range 3 1/2" Speaker
- AFC on FM

Hear music, news and sports anywhere! Slide-rule tuning knob, rotary volume control, high/low tone switch, built-in AM, telescoping FM antenna and AM/FM selector. 8 1/4 x 9 7/16 x 2 3/4". Includes earphone. U.L. listed AC operation or four "C" batteries (not incl.). 12-717 . . . 29.95



Lowest Priced Full-Size

NEW '85 FOR

24⁹⁵

- Ceramic Filter for Superior Reception Of FM Stations
- High/Low Tone Switch

Features AFC on FM, 3" speaker, hi/low tone control, rotary tuning knob and volume/on/off control, built-in AM and telescoping FM antennas. 7 3/16 x 8 7/8 x 2 1/2". With earphone. U.L. listed AC operation or four "C" batteries (not incl.). 12-716 . . . 24.95



Our Most Popular AM/FM

34⁹⁵

- Rotary Tone Control
- Automatic AC-to-Battery Switching

Plenty of signal-pulling power, plus 3" speaker, built-in AM and telescoping FM antennas. 7 1/4 x 9 1/4 x 2 5/8". With earphone. U.L. listed AC operation or four "C" batteries (not incl.). 12-668 . . . 34.95

High Quality and Performance

NEW '85 FOR

39⁹⁵

Superb Sound Wherever You Go



- Switchable AFC Keeps FM stations Locked In
- Big 4" Speaker ■ Built-In AM, Telescoping FM Antennas

Delivers great AM/FM sound and it's packed with special features. AFC switches "on" to lock-in strong FM stations, switches "out" to permit receiving weak or distant stations adjacent to strong ones. Speaker is loud and clear, even outdoors. You get rotary tone control, fold-down handle for added convenience. 7 1/4 x 10 1/2 x 2 7/8". With earphone for private listening. U.L. listed AC operation or four "C" batteries (not incl.). 12-625 . . . 39.95

Our Finest AM/FM Portable Radio

69⁹⁵

Tuned RF Amp for Long-Range Reception



Pulls in more stations, with better sound! Full 1-watt audio power, 5 1/4" speaker, loudness button to enhance bass at low volume, separate bass and treble controls. AFC. Built-in AM and telescoping/swivel FM antennas. for private listening Folding handle. 11 5/8 x 12 1/4 x 4". With earphone for private listening. U.L. listed AC operation or six "D" batteries (not incl.). 12-650 . . . 69.95

RADIO VALUES FOR EVERY PLACE, EVERY OCCASION



Statue of Liberty Radio—Exclusive!

NEW FOR '85

19⁹⁵



In Observance of Its 1886-1986 Centennial

With this purchase, a generous donation will be made by Radio Shack to assist in the restoration of the Statue of Liberty.

Display your pride in America. Metal statue is mounted on a woodgrain vinyl base/AM radio with side-mounted rotary volume and tuning controls. Sure to become a collector's item! 11³/₄" high. Requires 9V battery. 12-101 19.95

Available Nov. 30, 1984

Hands-Free Listening! AM/FM Headphone Radios



Our Lightest Radio Headsets Ever!

A AM/FM Stereo

39⁹⁵

NEW FOR '85

B AM/FM Mono

24⁹⁵



- Light and Comfortable to Wear
- Rich Dual-Speaker Sound

A Tandy AM/FM STEREO-MATE®. Now you can enjoy stereo anywhere, anytime. Handy side-mounted controls, adjustable headband. Requires two "AAA" batteries. 12-199 39.95

B Tandy AM/FM. Padded earcushions seal out external noise. Side-mounted controls, antenna built into headband. Requires 9V battery. 12-198 24.95



Bike Radio With Horn

19⁹⁵



Archer Road Patrol®. Mounts on most handlebars. AM radio removes easily, bracket stays on bike. 3" safety reflector, 2¹/₂" speaker. 3¹/₂ x 5¹/₄ x 3⁷/₈". Requires three "C" batteries. 12-197 19.95

AM/FM Quartz Travel Clock Radio

NEW FOR '85

29⁹⁵

- Accurate Analog Clock
- Built-In AFC on FM
- Wake to Radio or "Beeper"



Chronomatic®.242. Compact—packs easily for trips, and the alarm is great as a backup for wake-up calls and helps remind you of appointments. Accurate slide-rule tuning, 2¹/₄" speaker, plus earphone jack for private or late-night listening. 7¹/₄ x 3⁵/₁₆ x 1⁷/₁₆". With wrist strap. Requires four "AA" batteries. 12-1549 29.95

Our Finest AM/FM Pocket Portable

21⁹⁵

- High/Low Tone Switch
- Slide-Rule Tuning
- AFC on FM



Compact and rugged. 2¹/₂" speaker, built-in AM and telescoping FM antennas. 5¹/₄ x 3 x 1¹/₂". With earphone, wrist strap. Requires 9V battery. 12-714 21.95

Slim-Line AM/FM

17⁹⁵

- One-Chip IC Design
- Rotary Tuning



Outstanding reception yet it's only 5⁹/₁₆ x 3 x 1¹/₈". 2¹/₄" speaker. With earphone, wrist strap. Requires 9V battery. 12-715 17.95

Low-Cost Pocket AM/FM

NEW FOR '85

15⁹⁵

- Rotary Controls
- Slide-rule Tuning



Sounds as good as it looks. Shirt pocket size. 2¹/₄" speaker, earphone and wrist strap. 5⁵/₁₆ x 2¹⁵/₁₆ x 1³/₁₆". Requires 9V battery. 12-636 15.95

STOP, LOOK, & LISTEN TO OUR NOVELTY RADIOS

Columbia Space Shuttle Radio



A Highly Detailed Reproduction

"Out of this world" AM listening. With cargo bay doors that open and landing gear that retracts. 10 1/2" long. Requires just one 9V battery for "launching." 12-956 11.95

11⁹⁵

Pepsi® Bottle Radio

NEW FOR '85

10⁹⁵

They Won't Believe It's a Radio Until You Turn It On

Twist the cap and it pours out AM entertainment. Bottoms up, and you've got the tuning dial. 2" speaker. 9 1/2" high. Requires 9V battery. 12-957 10.95

* Trademark Pepsi-Cola Co.



Wilson® Football Radio

10⁹⁵

With Kicking Tee Stand



Kick off the season with this 6 3/8"-long AM radio. Rotary volume and tuning controls. 2 1/4" speaker. Requires two "AA" batteries. Great gift for sports fans. 12-953 10.95

* Trademark Wilson Sporting Goods Co.

Burger King™ Personal Radio With Headphones

NEW FOR '85

12⁹⁵

Sold Only At Radio Shack



TM Trademark Burger King Corp.

Hey kids, now you can listen *your* way. Clip it to your belt, slip on the hamburger headphones and tune in your favorite AM station. With adjustable headband, mustard, catsup, pickle! Just add one 9V battery. 12-950 12.95

Cute 'n Cuddly Pettable Portable Radios

NEW FOR '85

A Raccoon

NEW FOR '85

C Teddy Bear

Low As **11⁹⁵**

D Pekingese

B Chow Dog



NEW FOR '85

Available Oct. 30, 1984



NEW FOR '85



E Cuddly Cat

Furry little friends that kids love! Built-in AM radios with external controls. Require 9V battery.

AM/FM Furry Fox **21⁹⁵**

Two bands for twice the listening fun. External controls, built-in antennas. Requires 9V battery. 12-990 ... 21.95

Fig.	Description	Cat. No.	Each
A	Raccoon	12-971	12.95
B	Chow Dog	12-986	15.95
C	Teddy Bear	12-989	14.95
D	Pekingese	12-967	12.95
E	Cuddly Cat	12-983	11.95

Instant Friendship! You and Our Smurf™ Radio



9⁸⁸

Kids Love To Carry Him Everywhere

Smiley Smurf brightens up everyone's AM listening! Rotary volume and tuning controls. 2 1/2" speaker, earphone jack. Wrist strap. 4 x 3 1/8 x 1 3/8". Requires 9V battery. 12-954 9.88

Portable Companions for Fun-on-the-Run!



6⁹⁵

Easy One-Hand Tuning

Budget AM. 2 1/2" speaker, earphone and wrist strap. 4 x 2 9/16 x 1 3/8". Requires 9V battery. 12-177 6.95



Orange

7⁸⁸ Each

AM Flavorados®. With wrist strap, earphone. 3 5/8 x 2 3/4 x 1 1/2". Requires 9V battery. 12-166 7.88

IC Design Cuts Size

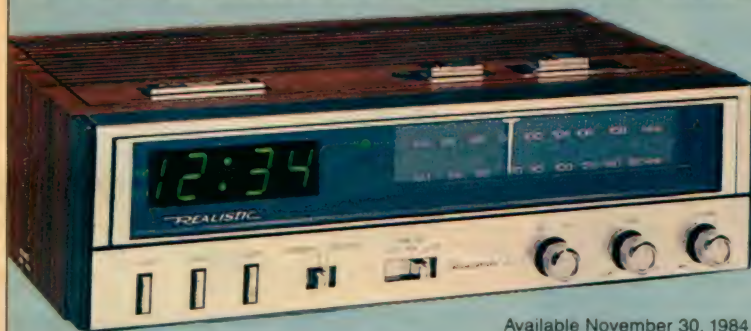
10⁹⁵

Slim-Line AM. Earphone jack, wrist strap. 5 5/16 x 2 3/4 x 1 1/16". Requires four "AA" batteries. 12-173 10.95

When in Fort Worth, Visit Tandy Center, Home of Radio Shack Headquarters

AM/FM CLOCK RADIOS WITH THE LATEST FEATURES

Fluorescent Display With Hi/Lo Dimmer



Available November 30, 1984

Dual Alarm Settings

Enter separate "His" and "Hers" or weekday/weekend wake-up times.

Quick 'n Easy Forward and Reverse Time-Setting

Pushbutton controls let you set the time in seconds.

NEW FOR '85

49⁹⁵

- Dual Alarm Settings
- Pushbutton Time-Set
- External FM Antenna Terminals

Chronomatic®-239. Everything you need at bedside! Use sleep control to doze to AM or FM for up to 1 hour/59 minutes with auto-shutoff. Snooze button for extra rest in the morning. Rotary tone control, 3 1/2" speaker, earphone jack. 0.6" display. 3 1/2 x 11 3/4 x 5 7/8". U.L. listed. 12-1547 49.95

Big, Easy-to-See LED Display

NEW FOR '85

49⁹⁵

- Dual Alarm Settings
- Lighted Dial
- Forward and Reverse Time-Set Controls



Available November 30, 1984

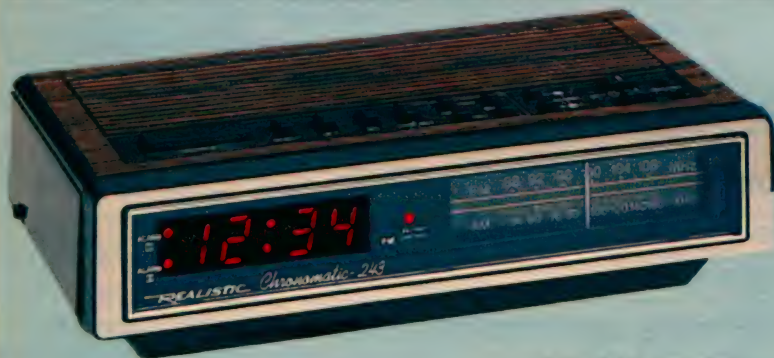
Chronomatic-240. Rise 'n shine every day with AM/FM radio or 24-hour alarm. Tap snooze control for a few extra winks. Features hi/lo display dimmer switch, 1-hour/59-minute sleep control. Radio has tone control, 3 1/2" speaker, earphone jack, external FM antenna terminals. 0.9" display. 3 1/2 x 11 3/4 x 5 7/8". U.L. listed. 12-1546 49.95

Slim Styling With Red LED Display

NEW FOR '85

39⁹⁵

- Dual Alarm Settings
- PM/Wake Indicators
- Pushbutton Forward and Reverse Time-Set



Available October 30, 1984

Chronomatic-243. This compact waker-upper saves space on your bedstand, yet it's feature packed! You get snooze and 1-hour/59-minute sleep controls, hi/lo display dimmer switch, p.m. and wake LED indicators. AM/FM radio has slide-rule tuning dial, 3" speaker, earphone jack. 0.6" display. 2 1/2 x 5 1/2 x 9 1/4". U.L. listed. 12-1550 39.95

Our AM/FM Stereo Model Features Twin Side-Mounted 3" Speakers

59⁹⁵

- Rotary Balance Control
- Hi/Lo Tone Switch
- Automatic Alarm Reset
- LED Time Display



Chronomatic-225. Start each morning with your choice of stereo music on FM, your favorite AM station, or buzzer alarm. Hi/lo display dimmer, snooze and 1-hour/59-minute sleep controls, p.m./wake/FM stereo LEDs. Also has stereo headphone jack for private stereo listening. 0.6" display. 4 x 12 3/4 x 6 1/2". U.L. listed. 12-1532 59.95

ALL WITH EXCLUSIVE BATTERY BACKUP/SENTINEL®

Battery Backup

9V battery protects time function, without display, up to 8 hours, alarm for 10 minutes, in case of power failure.



Battery Sentinel®

Front-panel red LED warns you if backup battery is weak or not installed—fail-safe design.



"Human-Engineered" Direct-Input Controls Simplify Operation

44⁹⁵

- You Can't Buy an Easier-to-Use Clock Radio
- Green Fluorescent Display With Automatic Dimmer



Soft-Touch Controls for Easy Entry of All Functions

Chronomatic-232. Thin-line front-panel controls make this our most convenient clock radio ever! Features a top-mounted sensor-type snooze control—just touch it for a few extra winks. Display has indicators for a.m./p.m., sleep and alarm. 1-hour/59-minute sleep control. Radio has lighted dial, hi/lo tone switch and a full-range 3" speaker. 0.6" display. 2 1/4 x 9 1/2 x 5 1/2". U.L. listed. 12-1539 44.95

Large LED is Easy on Your Eyes

47⁹⁵

- Hi/Lo Display Dimmer
- LED P.M./Wake Indicators



Chronomatic-230. Use the 1-hour/59-minute sleep control to drift off to sleep. Wake to AM, FM or buzzer. Tap the snooze bar if you'd like more rest. Time and alarm-set controls are easy to get at and simple to use. Radio has lighted slide-rule dial, 3" speaker, AFC and ceramic filter on FM, earphone jack. 0.9" display. 3 x 10 1/4 x 5 1/2". U.L. listed. 12-1537 47.95

Our Lowest Priced Clock Radio



- Fast/Slow Time-Set
- 59-Minute Sleep Control

27⁹⁵

Chronomatic-236. Controlled by an integrated circuit for high accuracy and long-term dependability. Features a top-mounted snooze bar, LED p.m./wake indicators, radio or "beep" alarm, 3" speaker. 0.6" display. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1545 27.95

Low-Cost With Popular Features

34⁹⁵

Compact—Fits Nearly Any Table or Shelf



Chronomatic-234. This slim-style model features 1-hour/59-minute sleep control for listening to radio with auto-shutoff. Wake to FM or AM. LED p.m./wake indicators. Radio has 3" speaker, AFC and ceramic filter for good sound on FM, earphone jack. 0.6" display. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1541 34.95

A Clock Radio in a Compact Cube

32⁹⁵

- 4 3/8" Cube Fits in Small Places
- Hi/Lo LED Dimmer

Chronomatic-241. A real space-saver, yet it includes features found in our bigger models. Display has p.m. indicator, one-button alarm reset, 1-hour/59-minute sleep and snooze functions. Radio has 2 1/2" speaker, slide-rule dial. 0.6" display. U.L. listed. 12-1548 32.95



Use ENERCELL® Extra-Life 9V Battery #23-583 (not included) for Best Battery Backup/Sentinel Operation

AM/FM CLOCK RADIOS WITH SPECIAL FEATURES



AM/FM Stereo Cassette Recorder

99⁹⁵

USE YOUR



Battery Backup* maintains time function if AC fails.

Battery Sentinel® LED shows when battery needs replacing.

- Two 4" Speakers ■ End-of-Tape Auto-Stop
- Stereo-Wide™ Adds Extra Depth to Sound

Realistic Chronosette™-237. Start your day with stereo from FM or cassettes, alarm or AM radio. Records off-the-air or "live" if you add mikes. Sleep switch lets you record for up to 1-hour/59-minutes, then shuts off. Sleep and snooze work with cassette and radio. Cassette features pause, counter, auto-level record. Clock has 0.6" LED display with hi/lo brightness, pushbuttons for time/alarm setting. Aux input for adding a changer. Stereo headphone jack. Wood cabinet, simulated walnut finish. 6 x 12 1/2 x 6 1/2". U.L. listed. 12-1543 99.95



AM/FM Mono Cassette Recorder

79⁹⁵

With Battery Backup*
And Battery Sentinel

- Records Directly Off-the-Air or "Live" With Built-In Electret Condenser Mike
- Top-Mounted Sleep and Snooze Controls Work With Either Radio or Cassette

Chronosette-235. Wake to FM, AM, tape or a buzzer alarm. Features auto-level recording, pause control and end-of-tape auto-stop. Sleep switch lets you record up to 1-hour/59-minutes while you're away, then shuts off. Clock features an easy-to-read 0.6" LED time display with p.m. and wake indicators and dimmer switch. Pushbuttons make it easy to set time and alarm. Lighted dial, 3" speaker, earphone jack. Molded cabinet, simulated walnut finish. 3 1/4 x 11 3/4 x 6 7/8". U.L. listed. 12-1538 79.95

Radio With Built-In Telephone Cradle

With Battery Backup*
And Battery Sentinel

39⁰⁰

Cradle Holds Most One-Piece Telephones

Chronofone™-100. Inexpensive way to eliminate nightstand clutter. Wake to your favorite radio station or buzzer alarm. When phone is in use, a built-in switch automatically mutes the radio. Includes 7-ft. modular phone cord and handy cord retainer on bottom of cabinet. Features 0.6" LED time display with dimmer, lighted dial, snooze and 1-hour/59-minute sleep controls, 3" speaker, earphone jack. 2 1/2 x 9 5/8 x 7 1/2". U.L. listed.

12-1544 39.00

ET-120 Pulse-Dial Phone. 43-502 . . 19.95

ET-120 Tone-Dial Phone. 43-504 . . 24.95

102



Shown with
ET-120 Phone,
not included

*Battery Backup System Requires 9V Battery, Not Included

GET INSTANT WEATHER INFO—24 HOURS A DAY

STAY INFORMED WITH A REALISTIC
WEATHERADIO® RECEIVER

The National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special commercial-free VHF stations in over 365 cities. Most operate 24 hours. Come in for details.

Desktop Weather and Time Receiver



39⁹⁵

Receives
Weather
Stations Up to
50 Miles Away,
Plus World's
Most Accurate
Time From
WWV

Realistic Weatheradio/Timecube. Just tap the play-bars to hear your local weather station or the National Bureau of Standards time-signal station. Crystal controlled. Receives WWV on 5/10/15 MHz. Converter wheel for U.S. time zones. Simulated walnut. 17¹/₁₆ x 6 x 3¹⁵/₁₆". Requires 9V battery. 12-149 **39.95**

Weatheradio Alert

NEW '85 **39⁹⁵**

Advance
Warning
Of Dangerous
Weather



When weather threatens, a Weather Service signal triggers alarm. Press button for instant info. Alert test/weather/alert standby buttons and power on/alert standby LEDs. Crystal controlled. Up to 50-mile range. Telescoping/built-in antennas. Simulated woodgrain. 13¹/₈ x 5¹/₄ x 6". U.L. listed AC operation with battery backup. Requires 9V battery for backup. 12-140 **39.95**

Desktop Weatheradio® Receiver

24⁹⁵



RF amplifier stage for up to 50-mile range. Crystal-controlled. Low-profile, simulated rosewood. 1¹/₂ x 5¹/₄ x 3¹/₂". Requires 9V battery. 12-152 **24.95**
AC Adapter. U.L. listed. 273-1431 .. **4.95**



Pocket Weatheradio

19⁹⁵

Great for
Travelers, Pilots
Outdoorsmen

Goes anywhere, yet it's crystal controlled for drift-free reception and has an RF amplifier for up to 50-mile range. Telescoping antenna. Requires 9V battery. 4¹/₄ x 2³/₄ x 1". 12-151 **19.95**

Weatheradio Cube

17⁹⁵

Only
3"
Square



Set the hidden controls just once, then tap the play-bar to hear stations up to 25 miles away. Telescoping antenna, on-top speaker, simulated rosewood, chromed edges. Requires 9V battery. 12-181 **17.95**

Table Radio Entertainment for Every Room

A Realistic MTA-11 Deluxe AM/FM Radio. The 6¹/₂" speaker has a free-edge cone and is acoustically sealed for rich, room-filling sound. IC and ceramic filter provide real station-pulling power and cut signal interference. Lighted dial, tone control, built-in antennas, terminals for external FM antenna. Pressed-wood cabinet, simulated rosewood finish. 8²⁵/₃₂ x 13¹³/₃₂ x 5". U.L. listed. 12-690 **49.95**

B Realistic MTA-8 Compact AM/FM Radio. The little radio that "thinks" it's a hi-fi! IC audio output stage and a free-edge 4" speaker for superb sound. Tone control, ceramic filter for superior FM reception, lighted dial, built-in antennas, terminals for external FM antenna. Pressed-wood cabinet, walnut vinyl finish. 6 x 10¹³/₁₆ x 3¹⁵/₁₆". U.L. listed. 12-689 **39.95**

C Realistic Compact AM Radio. Just right for kitchen, utility room or garage. Transformerless audio stage and 3" speaker deliver surprising sound. Simulated walnut. 4¹/₄ x 8⁵/₈ x 3¹/₂". U.L. listed. 12-679 **16.95**



C 16⁹⁵

B 39⁹⁵

A 49⁹⁵

Weatheradio is a Registered Trademark of Tandy Corp./Radio Shack

PICTURE PERFECT! NEW RADIO SHACK COLOR TVs

13" Hi-Resolution TV/Video Monitor



NEW '85
FOR

399⁹⁵



Wireless Infrared
Remote Control

- 105 Channel Cable-Ready Tuner
- High-Tech Comb Filter

Our best-ever Realistic® TV! Comb filter processes the video signal for a more detailed picture with gorgeous color. Video/TV monitor switch. Up/down scan tuning for 18 preset channels. Full-function remote. Video and audio inputs/outputs. Earphone jack. U.L. listed. 13⁷/₁₆ x 14⁹/₁₆ x 14⁷/₁₆". Remote requires two "N" batteries. 16-231 399.95

13" TV With Automatic Fine-Tuning

NEW '85
FOR

279⁹⁵

AS LOW AS
Radio Shack
CITILINE
\$26 PER MONTH

Super-Efficient
All Solid-State
Circuit Really
Saves on Power



One-touch automatic fine-tuning assures a sharp picture and the UHF tuner has detents (click stops) for easier tuning. Power consumption is only 60 watts, maximum. Detachable VHF dipole and UHF loop, terminals for external antenna or cable. Molded cabinet with carrying handle. 17⁹/₁₆ x 12⁷/₈ x 15¹/₂". U.L. listed. 16-235 279.95

5¹/₂" AC/DC Color TV/Video Monitor



NEW '85
FOR

319⁹⁵

AS LOW AS
Radio Shack
CITILINE
\$27 PER MONTH

- 21% More Viewing Area Than 5" Sets
- Works on AC, 12VDC Or Batteries

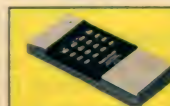
This high-performance set will also work as a video monitor for a computer or portable VCR. Audio and video inputs/outputs. Automatic fine tuning and color. Telescoping antenna, 75/300-ohm antenna terminals. 7⁵/₁₆ x 6¹/₂ x 12³/₈". U.L. listed AC operation, ten "D" cells (not incl.) or optional DC cord #270-1534. 16-107 319.95

13" TV With Remote Control

NEW '85
FOR

359⁹⁵

AS LOW AS
Radio Shack
CITILINE
\$28 PER MONTH



Wireless Infrared Remote Control



Feature-packed! Quick-start, inline-gun picture tube for outstanding clarity. Electronic tuner lets you preset any 12 channels for one-touch tuning from the set or the full-function remote. 300 and 75-ohm terminals for antenna or cable. 13 x 18⁷/₈ x 12³/₈". U.L. listed. Remote requires two "AA" batteries. 16-234 359.95

Low-Priced System Adds Stereo Sound to Any TV Set



NEW '85
FOR

Available Nov. 30, 1984



- TV-100 Stereo TV Sound Receiver
- Two Minimus®-2.5 Compact Speakers

Save
\$19⁹⁰
149⁹⁵

Complete
System

Reg. Separate
Items 169.85

USE YOUR



Realistic TV-100. Not an adapter! It's a ready-to-use receiver that brings you all the fabulous sound of the new stereo TV broadcasts on VHF and UHF. Easy to set up—just attach speakers and TV antenna. Has line-level outputs so you can connect it to the audio inputs of your stereo system or VCR. Special Audio Program button lets you hear the sound in a second language when it is broadcast. Even has a built-in stereo synthesizer so you can enjoy high-quality simulated stereo sound from regular TV and other mono sources. 21¹/₁₆ x 12¹/₂ x 8⁵/₁₆". U.L. listed. 16-1284 **Receiver Alone 139.95**

Minimus-2.5 Speakers alone. Normal magnetic leakage has been reduced to allow close placement to most TVs without affecting picture quality. 40-1999 **Each 14.95**

TAKE ALONG A TOP PERFORMER: PORTAVISION®

**9" Black-and-White Works
On AC or 12 Volts DC**



Diagonally measured. Simulated reception.

99⁹⁵



DC Power Cord Included

Excellent for kitchen or bedroom. The built-in DC power supply also makes it perfect for vans and camping. Rotary tuning with UHF channel detents. Only 11 pounds, and a handle is built into the rugged molded cabinet for easy carrying. Telescoping antenna, terminals for external 75/300-ohm antenna. With earphone. 8⁷/₈ × 10¹/₄ × 12¹/₈". U.L. listed AC operation or 12 VDC. 16-240 99.95

**Breakthrough! Pocket TV With Fold-Open
Solid-State LCD Screen**



199⁹⁵

USE YOUR



**2.7" Screen!
Personal TV
To Take
Anywhere!**

Diagonally measured. Simulated reception.



**NEW '85
FOR**

Jacks for External Antenna and Video Input

Realistic PocketVision™. The TV everyone's been waiting for! The liquid crystal screen gives you an excellent picture, and you can watch it in bright sunlight that washes out regular screens. Easy thumbwheel tuning. Telescoping rod and wire antennas. Built-in speaker. With earphone, leatherette case. For viewing in dim light, a backlight hood is available through special order. Requires four "AAA" batteries, rechargeable batteries, optional AC adapter #273-1650 or DC adapter #270-1650.

16-151 199.95

**Only 15¹/₈ × 5³/₈ × 3"
When Closed!**



PortaVision Black-and-White TV With Three-Way Power

**All Operate on AC, Batteries or 12 Volts DC From
Vehicles. Earphones Included for Private Listening**



Diagonally measured. Simulated reception.



A 5" TV With AM/FM Radio and Cassette Recorder. Complete entertainment system to go! Records from built-in electret condenser mike, or directly from radio or TV as you listen. Cassette features tape counter, pause control, Auto-stop at end of tape, jacks for remote control mike and aux input for adding a record changer or other external audio source. TV has sun shade for outdoor viewing, electronic tuner, separate radio/TV tuning, tone control. Telescoping AM/FM antenna, terminals for external 300-ohm antennas. 4³/₄ × 15¹/₂ × 10³/₈". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter.

16-104 189.95

B 5" TV With AM/FM Radio. Delivers bright, sharp pictures and AFC prevents drift when you listen to FM. Only 6¹/₂ pounds. Has built-in sun shade, reliable electronic TV tuner and separate radio/TV tuning. Telescoping FM/UHF/VHF antenna plus terminals for external 300-ohm antennas. Only 7 × 5⁷/₈ × 10". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter.

16-100 159.95

C 2" TV With AM/FM Radio. Despite its small size, this little 2¹/₂-pound marvel gives you a remarkably clear, detailed picture. Slide-on sun hood/magnifying lens, large easy-tune dial, electronic TV tuner, separate radio and TV tuning. Built-in antenna, terminals for external 300-ohm antennas. With U.L. listed AC adapter, carrying cases for TV and sun hood/lens. Only 2¹/₈ × 6 × 8". Requires six "AA" batteries or optional DC adapter #14-844C.

16-103 179.95

D 5" TV. Quality you can see, at a bargain price. Only 5¹/₂ pounds, yet has built-in sun shade, large slide-rule dial, reliable electronic tuner. Telescoping VHF/UHF antenna, terminals for 300-ohm external antennas. 4¹/₂ × 8 × 10¹/₂". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter.

16-102 129.95

For DC Vehicle Power Use Adapter #270-1534, Except for 16-240, 16-151 and 16-103. Weights Exclude Batteries

105

OUR VIDEO COMPONENTS PUT YOU IN CONTROL



Remarkable Video Sound Processor

Adds simulated stereo to any TV or video system! It takes the mono signal from TV set's earphone jack or other video component and creates a 2-channel output for your stereo receiver. Variable "Stereo Expander" adjusts apparent location of sounds. Dynamic Noise Reduction (DNR®) dramatically improves sound quality of most audio sources. Tap in/out jacks and tape monitor for audio record/play. 2 1/4 x 10 1/8 x 7 1/4" U.L. listed. 15-1277 . . . 79.95

DNR is a trademark of National Semiconductor Corp.

NEW FOR '85

79⁹⁵

Enhancer/Stabilizer/Fader/Modulator

Improves picture clarity while reducing video noise. Eliminates "roll and jitter" from prerecorded tapes. Video enhancer restores high-frequency picture details that are lost during duplication. Fade control for "pro" editing. Video, audio inputs/outputs. RF output on channel 3 or 4. 2 1/4 x 6 1/8 x 10 1/16" U.L. listed. 15-1270 . . . 99.95

99⁹⁵

USE YOUR
Radio Shack
CITILINE

Deluxe Video Color Processing System

Get near-perfect color from VCRs, satellite receivers, video disc players, computers. "Intensity" adjusts overall brightness, "chroma" compensates for washed-out color, "hue" shifts color tint, "burst" restores weak or lost color on tapes. Mono mode eliminates annoying residual color on black-and-white signals. Two selectable video inputs. 2 1/4 x 6 1/8 x 10 1/16" U.L. listed. 15-1275 . . . 99.95

99⁹⁵

USE YOUR
Radio Shack
CITILINE



Organize and Simplify With a Video Selector

Outputs for Two TVs and/or VCRs

A 39⁹⁵

Makes Cable "Swapping" a Thing of The Past With Five Inputs for Switching TV Antenna, Cable TV, VCR, Disc Player and Computer

B 89⁹⁵

Three Outputs with VHF/UHF Amplifiers

A The low-cost solution to video confusion. With just a flip of the switch, you can direct the desired signal to a TV for viewing and a VCR for recording, or a second TV. 75-ohm "F" connectors. Simulated walnut finish. 2 x 8 7/8 x 4 1/2". 15-1261 . . . 39.95

B Separate amplifiers for main TV, VCR and remote TV inputs maintain isolation and prevent signal loss. Especially useful when viewing and recording simultaneously. 2 3/8 x 9 7/8 x 5 1/4". U.L. listed. 15-1262 . . . 89.95

Cable TV Block Converter With Fine Tuning

Restores Remote Control Functions

29⁹⁵

Record one channel while watching another. Returns tuning to TV, VCR or remote. Fine tuning permits reception of "offset" channels which may not be receivable on TVs or VCRs with PLL tuners. 2 x 6 1/2 x 3 1/3". U.L. listed. 15-1261 . . . 29.95



Converts VHF, Mid and Superband Cable to UHF

RF Modulator for Audio/Video

24⁹⁵

NEW FOR '85



Takes audio/video signals from color processors, computers and converts them to Ch. 3/4 of home TV. 1 1/2 x 3 3/16 x 4 3/4". FCC registered. U.L. listed. 15-1273 . . . 24.95



60-Channel Cable Converter With Infrared Remote Control

NEW FOR '85

119⁹⁵

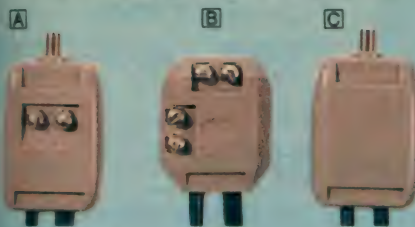
USE YOUR
Radio Shack
CITILINE

Electronic Tuning With Digital Display

Now you can scan cable channels in two directions, access channels directly, fine-tune or turn TV on/off with pushbutton, remote control convenience. Standard/HRC switch for use on all cable systems. Channel 3 output. 2 3/4 x 11 1/2 x 6 1/2". Remote, 5 7/8 x 2 3/8 x 1 3/16". FCC registered. U.L. listed. Remote requires 9V battery. 15-1285 . . . 119.95

HI-QUALITY ACCESSORIES FOR VIDEO HOOKUPS

VCR/TV Signal Splitters



A VCR/TV Antenna Splitter. 75-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1252 . . . 4.95

VCR/TV Antenna Splitter. (Not shown.) As above, but with 6-ft. cable and push-on "F" connector. 15-1524 . . . 5.95

B VCR/TV Antenna Splitter. 300-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1251 . . . 4.95

C VCR/TV Signal Splitter. 300-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1293 . . . 4.95

Transformers, Terminator, Attenuators and Switches



D VCR/TV Matching Transformer. 300-ohm input. 75-ohm output with push-on "F" connector. 15-1253 . . . 2.99

E Terminating Resistors. "F"-type 1/2-watt, 75 ohms. Terminates unused outputs of booster and distribution amps to prevent interference and "ghosts". 15-1144 . . . Pkg. of 2/99¢

F Inline 6 dB Attenuator. 75 ohms. "F" female connectors each end. 15-1258 . . . 1.99

G Inline 6 dB Attenuator. Above with "F" male to "F" female connector. 15-1257 . . . 1.99

H VCR/TV/FM Switch. 75-ohm input. Two 75-ohm outputs. Switches one antenna/VCR between two sets. Reversible—will also select from two inputs. 15-1254 . . . 4.95

VCR/TV/FM Switch. (Not shown.) Like fig. H, but 300-ohm output, two switchable 75-ohm inputs. 15-1250 . . . 4.95

I A/B/C Video Switch. Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Reversible. 15-1256 . . . 6.95

K Pushbutton VCR/TV/FM Switch. High isolation. 75-ohm output, two selectable 75-ohm inputs. Reversible. 15-1249 . . . 6.95

L Indoor Transformer/Splitter. 75-ohm input. Provides three separate 300-ohm outputs: VHF, FM and UHF. Mounts on back of set. 15-1139 . . . 4.99

Amplifiers for VHF and Cable TV



M 14⁹⁵

M Inline Coax Amp. Place anywhere in signal path. Reduces loss from passive splitters, long cable runs. For UHF/VHF/FM—amplifies signals from 5 to 900 MHz. 75-ohm input/output. Add power injector to coax where convenient. U.L. listed. 15-1117 . . . 14.95

N 10 dB Booster Amp. For VHF, ch. 2-13, FM, mid/superband cable TV. 13/8 x 23/8 x 43/4". U.L. listed. 15-1118 . . . 9.95

O Distribution Amp. Boosts VHF ch. 2-13, FM, mid and superband cable to drive up to 4 TVs, VCRs or FM receivers. 13/8 x 23/8 x 43/4". U.L. listed. 15-1119 . . . 12.95

"N" and "O" are U.L. listed for indoor use only

Matching Transformers And Signal Splitters

P In/Outdoor Matching Transformer. 300-ohm to 75-ohm. 15-1140 . . . 2.79

Q 75-Ohm Hybrid Splitter/Combiner. Coax download to two UHF/VHF outputs. "F" type connectors. 15-1141 . . . 3.95

4-Set Hybrid Splitter. (Not shown.) 75 ohms. "F"-type connectors. 15-1142 . . . 6.95

R Antenna-Mount Transformer. 300-ohm to 75-ohm download. 15-1143 . . . 3.99



Video Dubbing Kit

NEW '85 FOR 6⁹⁵ For Beta Or VHS

Everything you need for recording from one video tape recorder to another. Works for audio/video or RF dubbing. Includes two 75-ohm VHF-to-phono jacks, two 1/8" mini-to-phono jacks and dual interconnect cables with phono plugs at each end. 15-1525 . . . 6.95



Connectors and Adapters for VCR and TV



S Male "F" Connector to RCA-Type Phono Plug. 278-253 . . . 1.29

T Female RCA-Type Jack to Male "F" Connector. 278-255 . . . 1.19

U Female "F" to RCA-Type Phono Plug. 278-252 . . . 1.19

V Female "F" Screw-On to Male "F" Push-On. 278-218 . . . 99¢

W F-81 Coupler. Female "F" connectors each end. 278-213 . . . 89¢

X Right-Angle "F" Connector. 278-221 . . . 1.69

Y Male "F" to Male "F" Connector. 278-219 . . . 1.39

Coaxial Cable Assemblies For VCR and TV Use

For Quality Audio/Video Performance

Z 75-Ohm, Male "F" at Each End.

2-foot. 15-1533 . . . 2.49

4-Foot. 15-1529 . . . 2.79

8-Foot. 15-1530 . . . 3.49

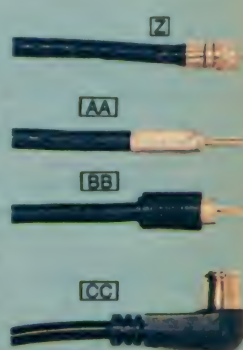
16-Foot. 15-1531 . . . 4.79

25-Foot. 15-1534 . . . 5.99

AA 75-Ohm, Male "F" Connector to Motorola-Type Plug. 8 feet long. 15-1528 . . . 3.49

BB 6-Foot VCR Video/Audio Cable. RCA-type phono plug at each end. 15-1535 . . . 3.99

CC 6-Foot VCR/TV Cable. Push-on "F" connectors at each end. 15-1536 . . . 2.99



→ARCHER→

Color Supreme II

Three Antennas
In One!

■ VHF ■ UHF ■ FM

Get Real Signal-Pulling Power in Any Area!

VU-190 89⁹⁷

VU-160 69⁹⁷

VU-120 56⁹⁷

VU-110 43⁹⁷

VU-90 35⁹⁷

VU-75 26⁹⁷

VU-60 17⁹⁷

\$3.99 Value

Signal Splitter Included!
Separates VHF-UHF-FM Outputs,
Only One Down-Lead Required



High-Tensile Strength
Aluminum for Long Life



Snap-Out Brackets
For Easy Installation



UHF Yagi and Corner
Reflector Combination



Air-Insulated
Multiple Drive System



Strong Square Boom
With "No-Tilt" Clamp



Heavy-Duty, High-Impact
Molded Insulation

For VHF/UHF-TV 2-83 Plus FM and FM Stereo

- Gold-Alodized Finish Fights Corrosion and Resists Weathering
- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer, And Withstand Strong Winds and Icing During Stormy Months
- Fully Preassembled—It's Easy to Install It Yourself and Save

We built these antennas in our own USA factory, so you can be sure of their top quality! Our dynamic Color Supreme II series features wide-swept elements for more TV/FM signal pickup in any area. Exclusive design delivers life-like color and crisper black-and-white on UHF/VHF-TV channels 2 to 83—even those "hard-to-get" stations. Delivers a stronger FM signal to your stereo system, too! Factory preassembled—easy "fold-open" assembly so you can install it yourself.

There's a Color Supreme Just Right for Your TV and FM Reception Area

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-190	190	120	100	160"	48	15-1646
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640

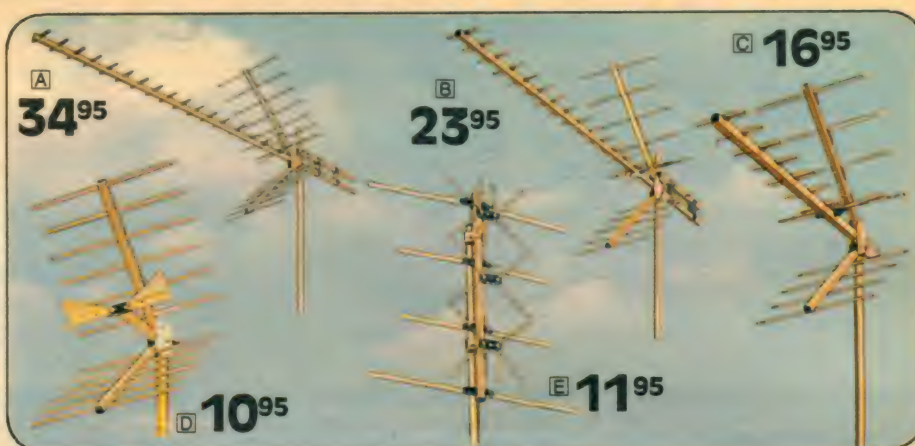
*Estimated Ranges, Bases on Reception Over Flat, Open Terrain—Masts Not Included

BOOST TV/FM RECEPTION WITH ARCHER® ANTENNAS

Custom-Designed for UHF-TV

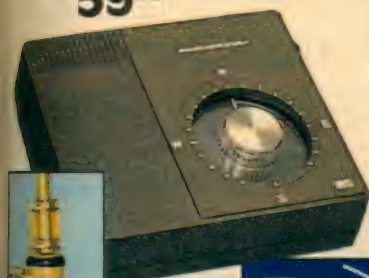
- Gold-Alodized Finish Fights Corrosion
- 60° "Swept-Wing" Design for Best Signal

- A** U-120 Corner-Reflector Yagi—Up to 120 Miles*. 33 elements, 100" square boom, self-locking snapout elements. Preassembled. 15-1662 34.95
- B** U-100 Corner-Reflector Yagi—Up to 100 Miles*. 25 elements, 80" square boom, self-locking snapout elements. Preassembled. 15-1661 23.95
- C** U-75 Corner-Reflector Yagi—Up to 75 Miles*. Narrow pattern, 16 elements, 40" boom, snapout elements. Preassembled. 15-1660 16.95
- D** Corner Reflector—Up to 50 Miles*. Cuts airplane "flutter". Preassembled. 15-1629 10.95
- E** Multi-Bay "Bow-Tie"—Up to 70 Miles*. 30" boom. Preassembled. 15-1627 11.95



Aim Your Antenna for the Best Picture

59⁹⁵



Allows You to Pick Up Signals from More Than One Direction

Archerotor®. Makes it easy to aim your antenna for improved reception. Motor brake resists wind movement. Accepts 1 1/4 to 1 3/4 dia. masts. Requires 3-conductor rotor cable (below). 15-1225 59.95

20-Gauge Rotator Cable

No. of Cond.	Ft.	Cat. No.	Per Roll
3	50	15-1149	4.49
3	100	15-1150	7.79
5	100	15-1201	9.95



Crafted for Best VHF-TV and FM Reception

Engineered for better VHF-TV reception on channels 2 to 13, plus FM or FM stereo. Air-insulated multiple system and 60° "Swept-Wing" design improves signal pickup. Self-locking snap-open elements. Preassembled.



Archer Model	Range in Miles*		Boom Length	No. of Elements	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651

Indoor/Outdoor VHF/UHF/FM Antenna

NEW FOR '85

49⁹⁵



Get Crystal Clear Color or Black-and-White TV Even in Difficult Reception Areas



Compact and Amplified, Ideal for Rooftop, Vans, RV's

Pulls in stations up to 90 miles away*. Built-in preamp helps clean up weak signals and snow by boosting UHF gain to 25 dB, VHF gain to 20 dB. With mounting hardware and VHF/UHF signal splitter. Mast extra. U.L. listed. AC operation or optional DC adapter. 15-1611 49.95
DC Adapter. 270-1534 4.99

Our Best FM And FM Stereo Antennas

F Triple-Drive 6-Element Directional—Up to 110 Miles*. Gold-alodized finish, preassembled. 15-1636 16.95

G Omnidirectional Outdoor—Up to 50 Miles*. Gold-alodized, preassembled. 15-1639 11.95

H Omnidirectional Attic/Outdoor—Up to 35 Miles*. Gold-alodized, preassembled. 15-546 6.95

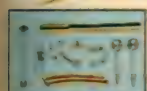


VHF/UHF/FM Mobile Antenna Package

28⁹⁵

- No Extras to Buy
- Sets Up Quickly and Easily
- Folds Down Flat for Travel

Perfect for boats, motorhomes, trailers. Strong snap-lock elements resist high winds, corrosion. Wall-thru insulator prevents water leaks. With hardware. 15-1613 28.95



25-Ft. Lead-In, Signal Splitter, Wall-Thru, 50" Mast, Mtg. Bracket

29⁹⁵ Car/Van VHF-TV Antenna

- Heavy-Duty Chrome-Plated Dipole
- Mounts Easily on Gutter or Window

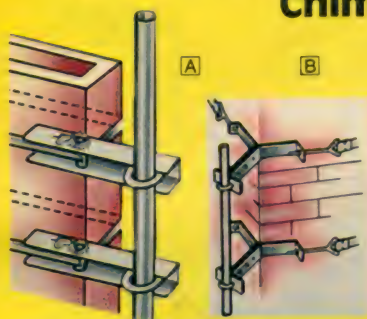
Lets you enjoy clear TV reception of channels 2 to 13 in your car, limo, truck or van. Outperforms built-in antennas. Comes with mounting hardware and instructions to make it easy to install yourself. 15-1610 .. 29.95



*Estimated Ranges, Based on Reception Over Flat, Open Terrain—Masts Not Included

EVERYTHING FOR "PRO" ANTENNA INSTALLATIONS

Chimney and Roof Mounts



A Chimney Ratchet Mount. Fastens 1" to 1 3/4" mast. Two stainless steel straps, each 3/4" x 18 ft. **15-839** 11.95

B Chimney Corner Mounts. Fastens mast with two Y-mounts. Two stainless steel straps, each 5/8" x 10 ft. **15-527** 7.95



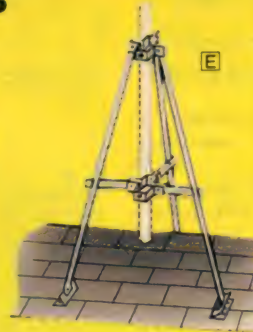
C "Z" Chimney Mounts. Keeps mast away from chimney, holds it securely. Set of two, each with 5/8" x 10-ft. galvanized steel strap. **15-476** 6.95

D Strap Kit. Two 25-ft. stainless steel straps for replacement or add-on use. **15-801** 8.95

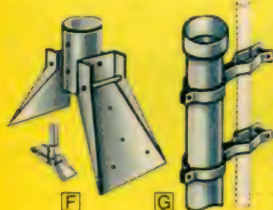


E 3-Ft. Tripod Mount. Excellent in windy areas. Fits slope of almost any roof. Fully preassembled for easy installation. Accepts mast up to 1 3/4" dia. **15-516** 14.95

5-Ft. Heavy-Duty Tripod. **15-517** 23.95



Roof, Vent and Wall Mounts



F Base and Roof Mount. Mast locks into U-bolt. Swivel base fits slope of virtually any roof. Heavy-gauge steel construction. **15-889** 4.99

G Vent Pipe Mount. Attach brackets to vent pipe, then clamp mast in place. Ideal alternative when chimney mounting is not possible, or desirable. Easy to attach to 2" to 5" vents. **15-893** 3.99



H Mast Anchor (Universal Mount). For mounting of up to 1 1/2"-dia. masts. Must be guyed for roof and window mounts. **15-888** 1.49

I Pair of 12" Wall Mounts. Secures mast 12" away from wall. Fits up to 1 1/2"-dia. masts. **15-885** 7.49

K 4" Wall Mounts. Secures mast 4" out from wall. **15-883** 2.49



L Eave Mount for Trim Boards or Hanging Rafters. Install your antenna without having to drill through brick or masonry! Fits nearly all medium-pitched roofs. For masts up to 1 1/2" dia. **15-891** 8.99

M 6" Heavy-Duty Wall Mounts. Extends antenna 6" out from wall. Heavy gauge for secure installation. For masts up to 2 1/2" dia. **15-890** 7.99

Guy Wire and Hardware



Fig.	Description	Cat. No.	Each
N	50-Ft. Galvanized Steel Wire	15-030	1.19
N	100-Ft. Galvanized Steel Wire	15-031	2.19
N	40-Ft. Plastic-Coated Steel Guy Wire	15-037	2.29
O	3 Guy Wire Anchors	15-825	.69
P	2 Guy Wire Turnbuckles	15-829	1.49

Fig.	Description	Cat. No.	Each
Q	Set of 4 Hex Lag Bolts, 1/4 x 2 1/2" for Heavy-Duty Mounting	15-833	.69
R	U-Bolt and Clamp	15-826	.79
S	2 U-Bolts With Nuts	15-830	.79
T	1 1/4" Guy Ring and Collar	15-835	1.09
U	Guy Wire Mast Clamp With Bolts	15-827	.89
V	3 Guy Wire Clamps	15-850	.99

Standoff Insulators



Fig.	Description	Cat. No.	Each
W	4 3/4" Wood-Screw	15-853	.69
W	4 6 1/2" Wood-Screw	15-854	.89
X	2 Masonry Type	15-820	.79
Y	2 Nail-In Type	15-821	.69
Z	2 Snap-Grip Type	15-822	.69
AA	2 Strap-On Type	15-823	.69

Heavy-Duty Masts

16-Gauge Steel With Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1 1/4" dia.

5-Ft. Mast. 15-842 4.79

10-Ft. Mast. 15-843 9.49

Light-Duty Mast

5-Ft. 20-gauge steel, golden enamel finish. For attic or small antenna installations. **15-844** 4.19

Telescoping Antenna Masts

- 16 and 18-Gauge Galvanized Steel
- Interlocking Sections
- Clamp and Guy Ring for Support

Low As

26⁹⁵

Raise your antenna for stronger TV and FM reception. Great for pulling in distant or hard-to-get stations. Sturdy sections interlock—won't pull out, slip, twist or shake. Hot-dipped galvanized steel masts resist corrosion. Preassembled. Easy to install.

19-Ft. Mast. One 16-gauge, one 18-gauge section. **15-5065** 26.95

36-Ft. Mast. One 16-gauge, three 18-gauge sections. **15-5067** 47.95

Base and Mount



BB Roof Base. Slips through hole in universal mast base. **15-5068** 6.99

CC Ground Mount. Sturdy "tap-in" tapered mount for masts up to 36-ft. tall. **15-5069** 9.95

DD Guy Wire. 6-strand, 18-gauge. **15-5070** 5.95

BOOST YOUR RECEPTION WITH OUR ACCESSORIES



- A VHF/UHF 300-Ohm Foam Cable.** Our best! 20-gauge copper, white-foam space web, dense polyethylene jacket. 50 Ft. 15-1174 3.99
100 Ft. 15-1175 7.39
- B Economy Foam VHF/UHF Cable.** For strong-signal areas. 22-gauge copper, brown polyethylene jacket with blue polyfoam. 50 Ft. 15-1202 3.69
100 Ft. 15-1203 6.69
- C Low-Cost Twin Lead.** For TV or FM. 24-gauge 4-mil. For indoor/attic use. Brown Twin Lead, 40 Ft. 15-004 1.59
Clear Twin Lead, 40 Ft. 15-1158 1.59
Standard Twin Lead. 22-gauge, 7-strand. For indoor use. 50 Ft. 15-1153 2.49
100 Ft. 15-1154 4.49
- D 8-Ft. Twin Lead Cable.** Dual spade lugs attach from splitter to VCR, stereo, or coupler to set. 300 ohms. 15-1532 2.19

E Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low-loss characteristics with interference-rejecting shielding. For use with 75 to 300-ohm matching transformers. F-56 connectors. 50 Ft. 15-1526 7.99
100 Ft. 15-1527 13.95

F Aluminum Ground Wire. Low-cost protection against static build-up—a must for all rooftop antenna installations. 40 ft. of #8 aluminum wire. For use with Ground Rod 15-530, below. 15-035 2.19

G Antenna Discharge Unit. Protects against dangerous static build-up. For TV and FM rooftop antennas. Simple solderless connection. For 300-ohm lead-ins. Complete with mounting hardware. U.L. listed. 15-910 2.29

H Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna lead-ins. 15-909 2.19

J Ground Rod. Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion-resistant, highly conductive. 15-530 2.59

K TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm lead-in. Set of two. Great for service work and temporary set-ups. 15-832 99¢

L "Wall-Thru" Lead-In Tube. One of the handiest installation aids you can buy—makes it easy to run lead-ins through walls up to 13" thick. Rubber grommet seals out damaging weather. 15-1200 2.19

M 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coaxial cable. For a neat, professional-looking installation every time. 20-192 79¢

N Coax Feed-Thru Bushing. Provides neater installations and protects cables. RG-59U. 278-1643 49¢
RG6U. 278-1644 49¢

TV/FM Power Cords, Wall Plates, Connectors and More



- P TV Power Cord.** Standard 6-ft. AC cord. 18-gauge, 2-conductor. U.L. listed. 15-011 1.19
- Q Polarized Plug TV Power Cord.** As above, but polarized AC plug. 15-012 1.19
- R Remote On/Off Switch.** 15 ft. cord. 6 amps. U.L. listed. 15-1160 3.99
- S Private TV Listener.** Remote volume control when you listen with earphone. 15-ft. cord, 1/8" plug and jack. 15-587 3.95
- T 75-Ohm Coax Wall Plate.** Includes mounting hardware. 15-1180 3.49

S Wall Plate With 75-Ohm Coax and 5-Wire Plugs. 5-wire socket for rotator. Includes mounting hardware. 12-1181 4.49

T 75-Ohm Coax Baseboard Mount. Includes mounting hardware. 15-1182 2.99

U 75-Ohm Wood-Grain Wall Plate. Includes mounting hardware. 15-1183 3.69

V Dual 75-Ohm Coax Wall Plate. Includes mounting hardware. 15-1184 3.95

W Flush-Mount TV/Rotor Wall Plate. For one 300-ohm lead. With bracket, plugs. 15-1186 1.99

X Surface-Mount, 15-1189 1.79

X TV/Rotor Wall Plate With Rotor and Two Flush-Type Lead-In Sockets. Includes bracket, rotor, TV plugs. 15-1179 2.99

Y TV/FM Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 Set of 2/99¢

Z Surface-Mount Universal Socket With Mating Plug. 7/8 x 1 3/4 x 9/16". 15-1192 99¢

AA Polarized Connectors. Prevent polarity reversal when splicing. 15-1199 99¢

BB Plug and Socket Set. UHF/VHF TV or FM. 15-1198 99¢



Realistic® Long-Life Guaranteed Tubes

Gold-Clad Contacts

Tube Type	Each
2AV2	6.29
3A3/3AW3	7.69
6AQ5/6HG5	6.79
6BL8/ECF80	6.19
6BQ5/EL84	7.99
6CG7/6FQ7	6.19
6CJ3/6DW4B/6CL3	7.39

Tube Type	Each
6GH8A	6.19
6LQ6/6JE6A	14.99
6JS6B	13.89
6KD6	15.79
6KT8	10.39
6LB6	14.99
6L6GC	11.99

Tube Type	Each
6Z10/6J10	11.79
8CG7/8FQ7	6.29
12AU7A/ECC82	6.39
12AX7A/ECC83	6.89
17JZ8	8.39
38HE7	14.39

We guarantee that LIFETIME tubes will last the life of your set or we'll replace them FREE, except for physical damage. Types listed are in stock at most locations. And there's FREE do-it-yourself tube testing at most Radio Shack stores. Bring in your tubes and check them!



We Can Get You Those Hard-to-Find Tubes

2000 Types Available!

Our "Hotline" service can get most tubes delivered to your nearby Radio Shack fast! If what you need isn't in stock, ask the store Manager to order it.



No extra charge.

Radio Shack—A 64-Year Tradition of More for Your Money in Electronics

TV & FM ACCESSORIES FOR BETTER RECEPTION

Mast-Mount Signal Amplifier



34⁹⁵

- Boosts Signals Even in Fringe Areas
- Switchable FM Trap

75 or 300 Ohms

Amplifies TV/FM signals, not interference picked up by download. Resists overload on strong signals. FM trap cuts interference. Typical gain: VHF, 25 dB; UHF, 20 dB. With mounting hardware, instructions. U.L. listed AC operation. 15-1124 34.95

Indoor 4-Set UHF/VHF/FM Amplified Couplers



29⁹⁵

Switchable FM Trap Cuts Interference

Drive up to four TV or FM sets from one VCR or antenna! Choice of 75 or 300 ohms to match your system. 14 dB gain on VHF/FM, 13 dB on UHF. With mtg. hardware. U.L. listed AC operation. 75-Ohm, 15-1123. 300-ohm, 15-1125 ... Ea. 29.95

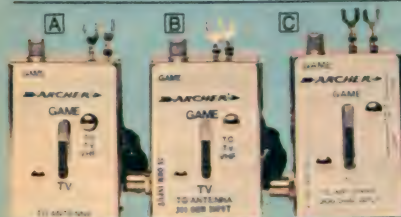
Indoor FM Signal Amplifier



24⁹⁵

Boosts FM Signal for Better Stereo Sound

Get improved FM reception. Provides 18-dB signal gain to receive weak or distant FM stations. For 75 or 300-ohm receiver inputs. U.L. listed AC operation. 15-1122 24.95



Switches for Your TV Video Games And Computers

Low As **3⁹⁹**

- A** 300-Ohm TV Switch. Use video games and computers with your TV, without re-connecting each time. For 300-ohm antenna line/TV input. 15-1255 3.99
- B** 300/75-Ohm Antenna Input. 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. 15-1269 3.99
- C** 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. For use with coax or 300-ohm antenna-type systems. 15-1268 4.95

Add More Sets or Combine Leads With Splitters and Couplers

- D** 2-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 2.29
- E** 4-Set Indoor Coupler. 15-1502 2.59
- F** 2-Set Indoor/Outdoor Coupler. Combines two antenna outputs for one 300-ohm download. 15-1135 3.59
- G** 4-Set Indoor/Outdoor Coupler. 15-1136 4.59
- H** 300-Ohm UHF/VHF Combiner Splitter. Combines the outputs of a UHF and VHF antenna into one download. Also splits a single download into UHF/VHF outputs indoors. 15-1137 3.95
- I** Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm download. 15-1138 3.99



Replacement Loop Antenna



99¢

Adjustable For Best Reception

Replace your bent or lost UHF loop with this low-cost, reliable antenna. 15-233 99¢

UHF Bow-Tie and VHF Rod



2⁹⁹

2¹⁹

- G** VHF Rod. Replace your broken or bent rod to restore good reception. 38" long. 15-232 2.99
- H** UHF Bow-Tie. Snaps on existing VHF rod, connects to UHF terminal for easy hook-up. 15-234 2.19

Archer® Filters to Improve Reception



5⁹⁵

Adjusts for UHF and VHF

Color TV Ghost Eliminator. Cuts interference caused by strong signal overload. Installs quickly, easily. 15-1114 5.95

6⁹⁵

Polarized Plug And Socket



AC Interference Filter. Reduces most annoying electrical appliance interference for a cleaner picture. U.L. listed. 15-1110 6.95

VCR/TV/FM Filter



3⁹⁵

Cuts CB/Ham Signal Interference

High-pass LC filter installs inline at 75-ohm coax input of VCR or TV/FM. 15-579 3.95

Inline FM Trap Cuts TV Interference



2⁹⁵

For 75-Ohm Coaxial Line

Filters out strong FM signals that can cause a herring-bone pattern on your TV screen. 15-577 2.95

75-Ohm Variable Attenuator



NEW FOR '85

4⁹⁵

Cuts Signal Overload

Greatly reduces interference on your TV caused by excessive signal strength. Easy inline connection to 75-ohm coax. Range, 0 to 20 dB. 15-578 4.95

Interference Filters



5⁹⁵

1⁹⁹

- J** Reduces TV/FM interference caused by CB, Ham transmitters. Attaches to 300-ohm terminals. 15-581 5.95
- K** Cuts appliance or neon light static. Attaches to 300-ohm TV antenna terminals. 15-582 1.99

INDOOR ANTENNAS FOR IMPROVED SIGHT & SOUND

Archer® Amplified FM Stereo Antenna

29⁹⁵

NEW '85
FOR

- Boosts Signal Up to 6 dB
- LED Power "On" Indicator

Designed to dramatically improve FM stereo reception. Fine-tuning control helps bring in previously hard-to-get stations. High/low gain switch. U.L. listed AC operation. 15-1821 .. 29.95

Our Best! Color Supreme V Amplified UHF/VHF/FM

NEW '85
FOR

39⁹⁵

Up to 12 dB Amplification
For High-Quality Reception

Sharpens color and black and white, "cleans up" FM stereo. 12-position fine-tuning and rotary antenna knob adjust for best reception. Loop with deflector/reflector optimizes UHF. Normal/boost switch prevents overload. U.L. listed AC operation.

15-1830 39.95

Better UHF/VHF/FM With Color Supreme III

29⁹⁵

Phasing Control for Best VHF

Helps clean up ghosts and snow, even in hard-to-receive areas. 12-position fine-tuning control and dial to rotate both UHF and VHF antennas combine for sharp, clear pictures. Also improves FM stereo. 15-1824 29.95

Color Supreme II for Clear UHF/VHF/FM Reception

24⁹⁵

Dual Loops for Superior UHF

Pulls in better color and B&W than built-ins. 12-position fine-tuning control for more precise signal adjustment. Dial rotates antenna, base remains stationary. Also improves FM. 15-1816 24.95

Color Eagle II TV/FM

19⁹⁵

Phasing Switch
Cuts Ghosts,
Snow and FM
Interference

Low-cost UHF/VHF/FM with satin-brass VHF dipoles and dual UHF loops. Color-coded leads. 15-1809 19.95

Color Eagle UHF/VHF

14⁹⁵

- Four-Section VHF Dipoles
- Dual UHF Loops

Phasing switch for clear TV reception. Color-coded leads for easy hook-up. 15-1810 14.95

Deluxe UHF/VHF

9⁹⁵

Multi-Position
Fine-Tuning
Switch for
Best Reception

Greatly improves color and B&W pictures! Installs quickly with screwdriver. 15-1818 9.95

Standard UHF/VHF

7⁹⁵

12-Position
Fine-Tuning
Control

Sharpen your reception at low cost. Telescoping, stainless steel dipoles. UHF loop. 15-628 7.95

Budget VHF

3⁹⁹

Improves Picture
On TV Channels
2 Through 13

Our lowest-priced VHF antenna. Contemporary design, telescoping three-section dipoles. Felt-covered, anti-slip base. 15-958 3.99

Upright UHF Twin Bow-Tie

10⁹⁵

Better
Reception
On TV
Channels
14 to 83

Gold-colored bow ties, brass-plated reflector grid. Vinyl feet won't mar surfaces. Installs easily. With leads. 15-623 10.95

Back-of-Set VHF Antenna

5⁴⁹

Install It
Yourself
In Minutes

Mounts conveniently out of sight behind most TV sets. Improves reception on TV channels 2 through 13. Telescoping 30" dipoles. 15-1804 5.49

Indoor FM Antenna

11⁹⁵

Enhances
FM Stereo

Stereo Supreme. Cuts FM drift and noise, improves selectivity and channel separation. Fine-tuning knob. 15-1822 11.95

"Charge It"—Radio Shack/CitiLine, American Express, MasterCard and Visa Welcome at Most Stores

RUGGED, RELIABLE MICRONTA® MULTITESTERS

21 Ranges, 30,000 Ohms Per Volt

49⁹⁵



- Fused ■ Overload Protected
- Big 5" Color-Coded Scale

A professional-grade instrument at a very low price! Timesaving "beep" continuity function. Easy access to battery/fuse compartment. Polarity-reverse switch. Measures to 1000 volts DC in 7 ranges, 1000 volts AC, 5 ranges. DC current to 10 amps, 5 ranges. Resistance in 4 ranges, (center scale 10). dB: -20 to +62 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $6\frac{1}{16} \times 5\frac{7}{16} \times 2\frac{5}{8}$ ". Requires one 9V and one "C" battery. 22-210 49.95
Carrying Case. 44-657 ... 6.95



Compact 25-Range Folding Multitester

29⁹⁵

Detented Hinge With Hold Positions at 90, 120, 150 and 180°



Folds For Travel

"Big-meter" features include fuse and surge-absorber protection, 4" three-color mirrored meter with automatic shunt protection (when shut). 20,000 ohms per volt DC sensitivity. DC volts: 0 to 1200, 7 ranges. AC volts: 0 to 1200, 5 ranges. DC current to 300 mA, 4 ranges. Resistance to 2 megohms (center scale 24). dB: -20 to +60 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. Open: $7\frac{1}{4} \times 4\frac{5}{16} \times 1\frac{1}{4}$ ". Requires "AA" battery. 22-211 29.95

43-Range, 50,000 Ohms Per Volt Multitester

39⁹⁵

- Volts/Amps Range-Doubler
- Big 4 1/4" Mirrored Scale

Range-Doubler switch provides extra resolution for more accuracy. Convenient single-knob function switch, mirrored scale to prevent misreadings. DC volts: 0 to 1000, 12 ranges. AC volts: 0 to 1000, 8 ranges. DC current: 0 to 10 amps, 10 ranges. Resistance: 0 to 20 megohms in 5 ranges (10 ohms center scale). Decibels: -20 to +62, 8 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $6\frac{1}{16} \times 4\frac{7}{8} \times 2$ ". Fused and overload protected. Requires one "AA", one 9V battery. 22-204 39.95



18-Range, 20,000 Ohms Per Volt Multitester

3" Meter, Color-Coded And Mirrored Scale

19⁹⁵

Measures DC volts: 0 to 1000, 5 ranges. AC volts: 0 to 1000, 4 ranges. DC current: 0 to 250 mA, 2 ranges. Resistance to 2 megohms in 3 ranges (24 center scale). dB: -20 to +62, 4 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. $5\frac{1}{8} \times 3\frac{1}{2} \times 1\frac{7}{16}$ ". Requires "AA" battery. 22-201 19.95



Pocket-Sized Tester With Switch-Selected Ranges

NEW '85 FOR

10⁹⁵

Color-Coded and Mirrored Scale



Easy to use! It's the perfect beginner's VOM and also a great second meter for the car or toolbox. Measures to 1000 volts AC/DC, 6 ranges. DC current to 150 mA. Resistance to 100,000 ohms. 2" meter. "Off" position protects meter movement during transit. $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". Requires "AA" battery. 22-212 10.95

27-Range, 30,000 Ohms Per Volt Multitester

34⁹⁵

- Single-Knob Function Switch
- Color-Coded 4" Mirrored Scale



Four banana jacks including output jack, polarity-reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0 to 10 megohms, 4 ranges, (10 ohms center scale). dB: -10 to +62, 5 ranges. Accuracy: $\pm 3\%$ AC, $\pm 4\%$ DC. $6\frac{1}{4} \times 4\frac{1}{2} \times 1\frac{3}{4}$ ". Fused and overload protected. Requires one "AA" and one 9V battery. 22-203 34.95

Protect Your Tester With a Carrying Case

Protect your multitester with a handy carrying case. Holds leads, manuals, fuses and extra batteries. Inside dimensions: 22-153, $8 \times 5\frac{1}{4} \times 2$ " and 22-154, $5\frac{3}{4} \times 5\frac{1}{4} \times 1\frac{7}{8}$ ".

Use With Tester No.	Cat. No.	Each
22-203, 22-204	22-153	5.95
22-191, 22-160		
22-201, 22-189	22-154	4.95
22-212		

Low As **4⁹⁵**

Meter not included



TEST EQUIPMENT AND ACCESSORY VALUES

Versatile 5-Range Clamp-On AC Ammeter

49⁹⁵

- Measures AC Current Without Breaking Line Being Checked
- Insulated and Overload Protected for Safety

Easily test AC circuits, motors and more! Determine energy consumption of appliances. Clamp jaws allow easy insertion into narrow places. Five ranges: 0 to 6, 15, 60, 150, 300 amps, up to 250 VAC. Inline inductive pickup/multiplier measures appliances with AC power cord—also provides $\times 10$ readings for low-current measurements. Large range selector for one-hand operation, pointer lock switch, mirrored scale. Accuracy: $\pm 3\%$ of full scale value. $4 \times 2 \times 3/8"$. 22-160 49.95

Includes Inductive Pickup/Multiplier

LCD Multimeter With Autoranging— The DVM That "Thinks"

79⁹⁵

TANDY ADVANCED
Radio Shack TECHNOLOGY
SERIES
AND AFFORDABLE TOO

- Automatic Range Setting
- Automatic Polarity Reverse
- Automatic Power-Off When The Case Is Shut

You select the function and our best digital tester selects the proper range automatically. Extra-large $1\frac{1}{16}"$ non-glare display with adjustable viewing angle. Built-in compartment for test leads. "Beep" indicator for quick continuity testing. Range-Hold switch overrides autoranging. Diode/semiconductor junction check function. Pushbutton zero-ohms adjust for super-accurate low-resistance measurements. DC volts to 1000, AC volts to 500. Up to 10 amps AC and DC. Resistance to 2 megohms. $10\frac{7}{8} \times 5\frac{5}{8} \times 1\frac{1}{2}"$. Requires two "AA" batteries. 22-193 79.95

**NEW '85
FOR**



Folding Case for Convenient Bench Use
Plus Easy Portability

Test Leads, Kits, and Clips



- A 9-Piece Test Lead Set. Finger guards for safety. Includes hook-clips, spade lugs, banana plugs and phone tips, case. 270-333 ... 6.49
- B Insulated Alligator Clips. For hands-free testing. One red, one black. Accepts probe tips. 270-354 Pair/1.49
- C Mini Hook Test Clip Adapter. Adapts standard probes for measurements on high-density PC boards. Spring-action. 270-334 1.79
- D Right-Angle Banana Test Leads. 36" leads. One red and one black. 278-713 Pair/2.29

- E Mini Clip Test Leads. 20" long. Mini clip at one end, banana plug at other. 278-1160 Pair/2.99
- F Mini Clip Leads. 20" long. Mini clips at each end. 278-016 Pair/2.99
- G Right-Angle Pin Tips With 36" Leads. $4\frac{3}{4}"$ long probes. 278-712 Pair/1.59
- H 6-Foot Coiled Test Leads. Probes with banana plugs fit most testers. 278-750 Pair/3.29
- I 36" Leads With Pin Tips. $4\frac{1}{4}"$ long probes. 278-705 Pair/1.99
- J Banana Plugs With 36" Leads. $4\frac{1}{2}"$ long probes. 278-704 Pair/3.19

21-Range Digital Multimeter

59⁹⁵

Audible "Beep" Continuity
And Range-Change Indicator

Continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust pushbutton makes it easy to get very precise low-resistance measurements. "Diode check" mode lets you test semiconductor junctions for opens, shorts or normal condition. Overload protected. Measures up to 1000 volts DC in 5 ranges, up to 500 volts AC in 4 ranges. Accurate from 45 Hz to 10 kHz. AC and DC current up to 200 mA. Resistance to 20 megohms in 6 ranges. $6\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{3}{8}"$. With spare fuse. Requires two "AA" batteries. 22-191 59.95

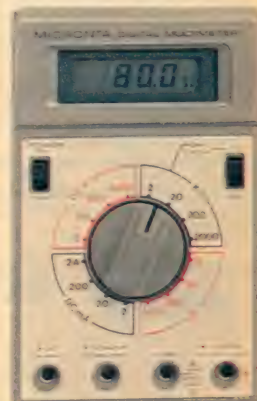


Compact 16-Range Multimeter

49⁹⁵

- Fused
- Overload Protected
- Diode Check Function for Testing Semiconductors

Single-IC design for extremely low battery drain and high accuracy. Single-knob range switch, full auto-polarity operation. The high contrast liquid crystal display features low-battery and over-range indicators. Measures up to 1000 volts DC in 4 ranges, 500 volts AC in 4 ranges. Accurate from 45 Hz to 10 kHz. DC current to 2 amps in 4 ranges. Resistance to 2 megohms in 4 ranges. $5\frac{3}{16} \times 3\frac{1}{4} \times 1\frac{7}{16}"$. Includes spare fuse. Requires two "AA" batteries. 22-189 49.95



All Micronta Multitesters and Digital Multimeters are U.L. 1244 Approved

FACTORY-FRESH LINEAR ICs FOR PROJECTS

Voice Synthesizer



NEW '85 FOR 12⁹⁵

28 Pin

Clear, Natural Speech

SPO256-AL2. This MOS LSI device uses a program stored in its built-in 16K ROM to synthesize natural sounding speech. It requires low-cost support components and is easy to interface with most microcomputers. Fifty-nine discrete speech sounds (called allophones) and five pauses are also stored in the ROM. They can be addressed by a computer to produce any English word. With detailed specs and programming data. Requires 3.12 MHz clock crystal (available through Radio Shack). 5 VDC, single supply. 276-1784 12.95

Melody Synthesizer

5⁹⁹
28-Pin



28 Built-In Tunes

AY-3-1350. This NMOS device is ideal for customized door bells and musical funboxes. It's programmed with Treador, William Tell, Yankee Doodle, Brahms' Lullaby, Blue Danube, Clementine, Star Wars, America, Beethoven's 5th, God Save the Queen, Jingle Bells, Wedding March, O Sole Mio, other pop and classical favorites. You can add a PROM and create your own melodies. Four-door capability when used as door chime. Adjustable pitch and speed. Automatic switch-off at end of tune. With data. 276-1782 5.99

Sound-Effects Synthesizer

NEW '85 FOR 4⁹⁵



16-Pin

Microprocessor Controllable

SN76495. This IC, a few inexpensive parts and your imagination can create a variety of exciting sounds—sirens, bells, bomb drops, percussion, musical tones, "arcade" effects and much more. The built-in 125 mW amp drives a speaker. Also has a line-level audio output for driving an external amplifier. The IC contains logic circuitry that allows easy interfacing with a microcomputer. Requires 7.5 to 10.5 VDC, single supply. Heart of a fun project! 276-1764 4.95

Waveform Generator



5⁹⁵
14-Pin

Function Generator in One IC

ICL8038. Produces high-accuracy sine, square, triangle, sawtooth and pulse waveforms with minimum external parts. Simultaneous high-level sine, square, triangle outputs are available. (TTL to 28V). Range is .001 Hz to over 300 kHz using resistors or capacitors. Can be FM'ed and frequency swept with external voltage. Low distortion. Single/split supply. 276-2334 5.95

Phone Ring Detector

3⁹⁹
8-Pin



Phone Line Powered

TCM1512A. Ideal for remote ringers. It's also a simple and inexpensive way to add a "bell" to surplus, antique or damaged telephones. Detects ring and drives an external piezo element. Output is 800 Hz to 2 kHz with a 10 Hz warble, adjustable with external resistor. On-chip static protection and anti-tap circuitry. With data. 276-1302 3.99

Piezo Element. 273-069 99¢

FSK Generator

NEW '85 FOR 5⁹⁵



16-Pin

For RTTY and Modems

XR-2206. Very stable, super-accurate output! Unlike most low-cost generators used for RTTY AFSK and computer modems, it switches between two resistors for an extremely clean transition between mark and space frequencies. Range: 0.01 Hz to over one MHz. TTL compatible. 10 to 26 VDC. With detailed 4-page data sheet. 276-2336 5.95

FSK Decoder

NEW '85 FOR 5⁹⁵



14-Pin

For RTTY and Modems

XR-2211. A demodulator designed especially for FSK and modems. Reduces external circuit requirements and offers fast lock time. Wide input range: 2 millivolts to 3 volts, 0.01 Hz to 300 kHz. External components set center frequency, bandwidth and output delay. 4.5-20 VDC. With data. 276-2337 5.95

See June, 1983 issue of *Ham Radio* magazine for a TRS-80 Color Computer RTTY interface circuit using the XR-2211 and XR-2206.

Operational Amplifiers

741. Frequency compensated. Overload protected. Split supply. 5 to 16 VDC. 8-pin DIP. 276-007 89¢

1458 Dual Op Amp. Internally compensated. Low power. Split supply. 5-16 VDC. 8-pin DIP. 276-038 99¢

LM324 Quad Op Amp. Single 3 to 30 VDC or split 1.5 to 15 VDC power supply. 14-pin DIP. 276-1711 1.29

BIFET Op Amps. Low-noise, high-impedance JFET inputs. 13 V per μ s slew rate. Split 4 to 18 VDC supply.

Type	DIP	Cat. No.	Each
TL082 (Dual)	8-pin	276-1715	1.89
TL084C (Quad)	14-pin	276-1714	2.99

Low-Power Op Amps. NEW! Extremely low power consumption—ideal for battery-powered circuits with no sacrifice in speed. Silicon-gate CMOS technology. Operate from 4 to 16 VDC, single or split supply.

Type	DIP	Cat. No.	Each
TLC271	8-pin	276-1748	1.59
TLC272 (Dual)	8-pin	276-1749	2.19
TLC274 (Quad)	14-pin	276-1750	2.99

LM3900 Quad Norton Op Amp. Single 4 to 36 VDC supply. Unity gain bandwidth: 2.5 MHz. Useful in RC active filters, tachs, more. 14-pin DIP. 276-1713 1.39

LM339 Quad Comparator. Four independent voltage comparators in a 14-pin DIP. Single 2 to 32 VDC supply. 276-1712 1.49



16K Dynamic RAM

16-Pin 3⁹⁵

4116. Highest quality! 250 ns access. Why gamble with unlabeled mail order RAMs? 276-2505 3.95

Audio Amplifiers



Low As 1⁰⁹



LM383/TDA2002. Designed for autosound but has many other uses. Produces up to 8 watts rms at 13.8 VDC. For 4-ohm loads (two 8-ohm speakers paralleled). Built-in thermal shutdown. 5-pin TO-220. Heat sink required. 276-703 2.99

LM386. Low-voltage amplifier for 8-ohm loads requires minimum support parts—ideal for projects and replacement use in battery-powered devices. 400 mW output. Fixed gain: 20, adjusts to 200 by external resistor, capacitor. 4-12 VDC. 8-pin DIP. 276-1731 1.09

TA7205AP. Import autosound replacement chip. 5.8-watt output. 9-18 VDC. THD: 0.07%. 276-705 2.99

LM387 Low-Noise Stereo Preampifier. Ideal for magnetic cartridge and tape head preamps. Single 9-30 VDC supply. 8-pin DIP with data. 276-1737 1.99

Phase-Locked Loops



Logic-Compatible Linear Devices

Only 1⁹⁹ Each

LM567 Tone Detector. Use for Touch-Tone®, remote control and communications decoding. Operates from 0.01 Hz to 500 kHz. 4.75 to 9 VDC. 8-pin. 276-1721 1.99

LM565 PLL. Versatile! Incorporates a VCO, phase detector and op amp within a 14-pin IC. Applications include RTTY, FM and TV subcarrier decoders, modems, IR communicators and more. Frequency range: 0.001 Hz to 500 kHz. 276-1720 1.99

CMOS and Bipolar Timers



NEW '85 FOR 1¹⁹

Low As 1¹⁹



TLC555. NEW! Very low power consumption—typically one milliwatt with 5 VDC supply voltage. Same pinout as standard 555 but produces very accurate time delays and oscillations with smaller, less expensive capacitors. Operates up to 2 MHz. The new silicone CMOS technology sinks 100 mA and will source 10 mA. 2 to 18 VDC single supply. 276-1718 1.59

Bipolar. Resettable timing from one microsecond to one hour. Output will source or sink 200 milliamperes. Operate from 4.5 to 16 VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	1.19
556 (Dual)	14-pin	276-1728	1.49

Timer IC Mini-Notebook

NEW '85 FOR Only 99[¢]

By Forrest Mims III

An excellent reference and hobby book covering the versatile 555 and 556 integrated circuits. Large schematic diagrams. 32 pages. 276-5010 99¢



MORE SOLID-STATE VALUES FROM THE SHACK®

Experimenter's Solderless Breadboards



PC Board
Only
269

The fast, efficient way to design your own solid-state circuits. The modular breadboards are reusable and accept a wide variety of components. When you have your circuit working properly, it's easy to transfer it to the matching PC board for a soldered, permanent version.

A Experimenter's PC Board. NEW LOW PRICE! Layout matches modular breadboard. 550 pre-drilled connection points. $2\frac{1}{16} \times 5\frac{7}{16} \times \frac{1}{16}$ ". Was \$2.99 in 1984 catalog. 276-170 **2.69**

B Modular IC Breadboard Socket. Snap together horizontally or vertically for more complex designs. Silver-nickel contacts accept 30 to 22-gauge solid wire. Feature two bus strips and 550 indexed connection points. $2\frac{1}{8} \times 6$ ". **11.95**

C Modular IC Breadboard Socket. Smaller version of Fig. B with 270 indexed connection points. $2\frac{1}{8} \times 3\frac{3}{8}$ ". 276-175 **6.95**

D Universal Breadboard. Our finest! The $2\frac{1}{4} \times 6\frac{1}{2}$ " breadboard is mounted on a 7×4 " "stay-put" steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Total of 640 plug-in tie points. 3 binding posts for power hookup, etc. 276-169 **19.95**

High-Output IR LED

149

Requires Only
20 mA at 1.3 VDC

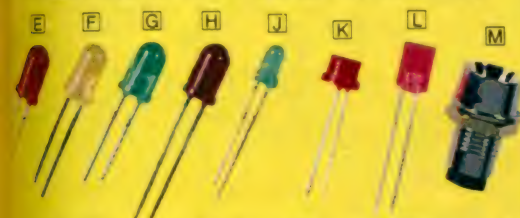
TIL906-1. Low-power design, yet emits as much energy as three regular infrared LEDs! 276-143 **1.49**

Infrared Photo Transistor

89¢

TIL414. High-speed NPN for data links, model train switching, more. 50 mW. T-1 $\frac{3}{4}$ case. 276-145 **89¢**

Light Up Your Projects With LEDs



Wide Selection of Colors, Sizes and Shapes

T-1 $\frac{3}{4}$ (Jumbo) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
E	Red	276-041	.69
F	Yellow	276-021	.79
G	Green	276-022	.79

T-1 (Miniature) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
H	Red	276-026	.79
J	Green	276-037	.89

TLR-107 High-Brightness Red LED With Fresnel Lens. Mounts in $\frac{3}{16}$ " hole. 2V at 20 mA typical. 276-033 **Pkg. of 2/89¢**

Red Rectangular LED. High brightness. Stack vertically or horizontally. 276-070 **Pkg. of 2/99¢**

Chrome LED Panel Lamp Holders. Accept standard T-1 $\frac{3}{4}$ LEDs. $\frac{3}{32}$ " mounting hole. 276-080 **Pkg. of 2/1.19**

Digital Displays

Low As

159



0.3" Numerals

Left Decimal. Bright seven-segment LED displays rated 1.7 VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-053	1.79
Cathode	276-075	1.59

LED Flasher



8-Pin **169**

Adjustable Flash Rate

LM3909. Pulses LEDs with a minimum of current and external parts. This IC has dozens of other uses and you may discover more! Single 1.5 to 6 VDC supply. 276-1705 **1.69**

Tri-Color LED



139

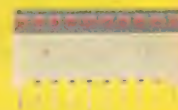
T-1 $\frac{3}{4}$ Size

XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2 V at 25 milliamps, typical. 276-035 **1.39**

LED Bar Graph and Driver ICs

Low As

299



Bar Graph Fits 20-Pin DIP Socket

MV57164. The easy and modern way to add metering to audio equipment and many other circuits. Ten high-efficiency red segments. With data. 276-081 **3.99**

LM3914 LED Display Driver. NEW! Ten adjustable analog steps with selectable bar or dot mode. Stackable to 100 steps. Requires 8 to 25 VDC. 18-pin DIP with data. 276-1707 **2.99**

LM3915N. NEW! As above, but with 3 dB log steps. 276-1708 **2.99**

LM3916N. NEW! As above, but for VU metering. 276-1709 **2.99**

Blinking LED

NEW FOR '85

129



CQX21. Combines a MOS integrated circuit driver and a red LED with a T-1 $\frac{3}{4}$ plastic housing. Ideal for displays, electronic jewelry, badges, models and much more. Will drive several LEDs in series. Requires 5 VDC at 20 milliamps. 276-036 **1.29**

LEDs With Holders for Panel Mounting



NEW FOR '85

N Two-Color LED. NEW! This three-lead, two segment device provides red or green output. A good mode or status indicator. Requires 3 VDC at 10 mA per segment. Mounts in $\frac{3}{8}$ "-diameter hole. 276-025 **1.49**



O LEDs With Polished Chrome Holders. Mount in $\frac{1}{4}$ " hole. Require 2 VDC.

Color	Cat. No.	Pkg. of 2
Red	276-068	1.59
Green	276-069	1.59
Yellow	276-073	1.59



P Red LEDs With Snap-In Holders. High-brightness type mount instantly in $\frac{5}{16}$ " holes. Requires 2.1 VDC at 20 milliamps. 276-018 **Pkg. of 2/1.79**

Triac-Output Optocoupler



199

6-Pin DIP

MOC3010. The ideal interface between logic-level signals and a triac that controls 120 VAC circuits, up to 100 mA. LED input. 1000-volt isolation, minimum. 276-134 **1.99**

Emitter / Detector Pair



199

Pair

LED infrared source rated 20 milliamps at 1.7 VDC. Sensitive phototransistor detector. Ideal for IR communication experiments. 276-142 **Pair 1.99**

Cds Photocell

129



For Security, Counting, Even Model Railroads!

Cadmium sulfide cell with wide resistance range—about 3 megohms in darkness to 100 ohms in bright light. 200 milliamps at 170 V. max. $\frac{1}{2} \times \frac{1}{4}$ ". 276-116 **1.29**

Prices Apply at Participating Radio Shack Stores and Dealers

SWITCH TO HIGH-QUALITY ARCHER® TRANSISTORS



Dynamic Checker Tests In or Out of Circuit

14⁹⁵

Tests PNPs and NPNs,
Silicon and Germanium

Makes Go/No-Go tests on small-signal and power types and allows you to match similar transistors. Indicates relative current gain, "opens" and "shorts". Has a front-panel socket plus hook-clip leads for in-circuit tests. Output jacks lets you connect to an external meter or scope. 2 3/4 x 4 3/8 x 1 3/16". Requires "AA" battery. 22-025 14.95

How-To Books for Builders, Students and Technicians

© **Semiconductor Reference Guide**. New 1985 edition! Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Detailed data on Radio Shack ICs, SCRs, LEDs, diodes and opto devices. Over 200 illustrated pages. 276-4008 3.49

© **Getting Started in Electronics**. By Forrest Mims III. The perfect introduction to the exciting world of electronics. Written in easy-to-understand language by one of America's most popular technical authors. Learn the "hows" and "whys," then build your own circuits. 128 pages. 276-5003 2.49



3⁴⁹

2⁴⁹ Only at Radio Shack

Transistor Sockets and Mounting Hardware



E Mounting Hardware. For power transistors and other semiconductors. With screws, insulating washers, solder lug, bushings for TO-3 cases. 276-1371 Set 49¢
For TO-220 cases. 276-1373 Set 49¢

F Construction Heat Sink. Solders transistors and heat-sensitive devices without damage. Straight and bent-jaw types. With magnetic base. 276-001 Set of 5/2.49

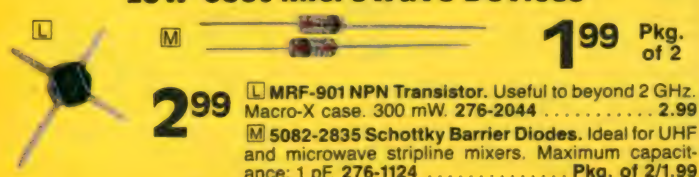
G TO-220 Heat Sink. Anodized aluminum. Ideal for PC-board mounted devices in TO-220 cases. 276-1363 79¢

H Greaseless Insulator for TO-220 Devices. Special material with high heat conductivity. Use in place of mica washer between device and heat sink or chassis. No grease needed. 276-1366 Pkg. of 3/79¢

J TO-3 Sockets. For transistors, regulators and other devices in TO-3 cases. 276-029 Pkg. of 2/69¢

K Transistor Sockets. Accepts devices within inline or triangle contact pattern, small crystals, too! 276-548 Pkg. of 6/1.69

Low-Cost Microwave Devices



2⁹⁹ **MRF-901 NPN Transistor**. Useful to beyond 2 GHz. Macro-X case. 300 mW. 276-2044 2.99

5082-2835 Schottky Barrier Diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. 276-1124 Pkg. of 2/1.99

TV Horizontal Output



7⁹⁵

2SC1308, Factory-fresh, high-voltage NPN transistor replaces ECG-238, GE-38 and SK-3115. Includes insulator and bushings. 276-2055 7.95

Handy Heat Sink Grease



Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 1.29

Power MOSFETs



2⁵⁹

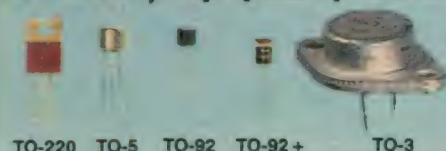
1⁴⁹

FET advantages at high power levels! Require very small input current and offer switching times of 100 ns or less. Practically immune to thermal runaway. Easy to parallel for use in high-power circuits. You'll say "Incredible little devices".

A IRFD-123. Rated 60VDC, 400 mA, 1 watt dissipation. "On" resistance 3.2 ohms. 4-pin DIP—two fit 8-pin socket. 276-2073 1.49

B IRF-511. Ideal for switching-type power supplies, motor controls, power inverters, audio amplifiers, choppers, even for synchronous rectification. Handles up to 60VDC and 3 amps of current. "On" resistance only 0.6 ohm! TO-220 case. 276-2072 2.50

Low-Cost, Top-Quality Transistor Replacements



Includes Data and Pin-Out

See Radio Shack Semiconductor Reference Guide (at left) for Cross-Reference List

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE Type GE†	Sylvania Type ECG†	RCA Type SK†						
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	1.19
MPS2222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.79
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	.89
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	.69
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.79
MJE34	34	197	3084	PNP	P	90W	TO-220	276-2027	1.49
2N3053	241	128	3024	NPN	P	1W	TO-92 +	276-2030	.99
MPS3638	82	159	3025	PNP	RF/IF	350mW	TO-92	276-2032	.79
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	2.19
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.59
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	.59
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	.59
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	.69

Japanese Replacement Transistor

Type	Polarity	Use	Diss.	Case	Cat. No.	Each
2SC945	NPN	GP	250mW	TO-92	276-2051	.79

N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max µmhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	.99
MPF102	VHF Amp, Mixer	310mW		TO-92	276-2062	.99

*In most circuits. See product package for exact device specs.
AP = Audio Power Amp
D = Darlington

G = Germanium
GP = General Purpose
HG = High Gain
HV = High Voltage
LL = Low Level

P = Audio Power Amp.
Switch
SW = Switch
NOTE: Parameters are at 25°C.

VALUES IN SEMICONDUCTORS AND DIGITAL ICs

SCRs and Triacs

TO-220 Cases Low As **99¢**

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

Voltage	Cat. No.	Each
200	276-1067	.99
400	276-1020	1.19

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Voltage	Cat. No.	Each
200	276-1001	1.29
400	276-1000	1.49

Small-Signal Diodes **99¢** Pkg. of 10

1N914/4148. Silicon switching. 75 peak inverse voltage (PIV). **276-1122** Pkg. of 10/99¢
1N34A. General-purpose germanium. 60 PIV. **276-1123** Pkg. of 10/99¢

One-Watt Zener Diodes

Pkg. of 2	Type	Zener Voltage	Cat. No.
89¢	1N4733	5.1	276-565
	1N4735	6.2	276-561
	1N4739	9.1	276-562
	1N4742	12.0	276-563
	1N4744	15.0	276-564

Video, IF Amp and FM ICs

Low As **179**

MC1330 Video Detector. NEW LOW PRICE! Outputs: wide band video, AFT. 10-24VDC. 8-pin with data. Was \$2.29 in 1984 Catalog. **276-1757** **1.99**

MC1350 Universal IF Amp With AGC. For radio and TV circuits, up to 60 MHz. Typical gain at 45 MHz: 50 dB. 12VDC. 8-pin. **276-1758** **1.99**

MC1358/CA3065 FM Detector. Use as TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs. **276-1759** **1.79**

Voltage Regulator ICs

Low As **99¢**

Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated non-standard DC voltage is required. All include specifications and data.

LM723. Adjustable: 0 to 40VDC. 150 mA max. 14-pin DIP. **276-1740** **99¢**
LM317T. Adjustable 1.2 to 37VDC output, 1.5A max. TO-220 case. **276-1778** **2.79**

Fixed Regulators. These easy-to-use 3-pin devices have built-in overload protection and thermal shutdown. One lead is input, other is output. When the control (center) lead is grounded, the regulated voltage shown in the chart is available at the output. Maximum input voltage: 35VDC, output current up to 1 amp. TO-220 cases. Heat sink (276-1363 or similar) mounting required for full current rating.

Type	Output VDC	Cat. No.	Each
7805	+5	276-1770	1.59
7812	+12	276-1771	1.59
7815	+15	276-1772	1.59
7905	-5	276-1773	1.59
7912	-12	276-1774	1.59

Micro "Connectors"

NEW FOR '85

MC1488 RS232 Quad Line Driver. Hook up terminals and remote peripherals with a simple "twisted pair". Also mixes different logic families. Protected, current limited output. 14-pin, data. **276-2520** **1.79**
MC1489 RS232 Quad Line Receiver. Use with above. Performs logic level translation. Can provide multiple outputs from one input. Input signal range $\pm 30V$. 14-pin, data. **276-2521** **1.79**

Rectifiers and Bridges for Power Supplies & Replacement

Low As **49¢** Pkg. of 2

A Micromini 1-Amp Diodes. 30A surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

B 3-Amp "Barrel" Diodes. 300A surge.

Type	(PIV)	Cat. No.	Pkg. of 2
1N5400	50	276-1141	.79
1N5402	200	276-1143	.89
1N5404	400	276-1144	.99

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high-voltage, high-current power supplies. Just $1/4 \times 3/16"$. **276-1114** Pkg. of 3/1.49

C 4-Amp Full-Wave Bridge Rectifiers. Heavy duty.

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.89

D 1-Amp, 50 PIV Full-Wave Bridge Rectifier. Rated 25A. For PC board or socket mounting. Two fit into a 14-pin DIP socket. **276-1161** **89¢**

E 25-Amp, 50 PIV Full-Wave Bridge Rectifier. Ideal for battery chargers. $1/8"$ square metal case. **276-1185** **2.69**

F 6-Amp, 50 PIV Full-Wave Bridge Rectifier. Heavy duty. $9/16 \times 9/16 \times 3/16"$. **276-1180** **2.19**

G 1.4-Amp Full-Wave Bridge Rectifiers. TO-5 cases.

PIV	Cat. No.	Each
50	276-1151	1.09
100	276-1152	1.19

Digital Logic Probe With Tone

19⁹⁵



- Tests All Logic Families
- Overload and Polarity Protected

The fast way to "peek inside" TTL, LS and CMOS digital circuits. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output (high, low or both) really speeds up the testing. Minimum detectable pulse width: 50 ns. 36" leads with clips obtain power from tested circuit. Low current drain. With instructions and user's tips.

22-302 **19.95**

4000-Series CMOS ICs

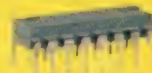
With Pin-Out And Specs Low As **99¢**



Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.99
Quad 2-Input NAND Gate	4011	276-2411	.99
Dual Type-D Flip Flop	4013	276-2413	1.19
Decade Counter/Divider	4017	276-2417	1.49
Inverting Hex Buffer	4049	276-2449	1.19
Quad Bilateral Switch	4066	276-2466	1.19

TTL Digital ICs

With Pin-Out and Specs



Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.89
Hex Inverter	7404	276-1802	.99
Quad 2-Input AND Gate	7408	276-1822	1.29
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.59
Div. by 2/5 BCD Counter	7490	276-1808	1.09

Handy, Low-Cost Templates

G 2⁹⁹ NEW FOR '85 **1⁹⁹** H



G Lettering Guide. Extra-durable molded stencil gives you three different sizes of letters and numbers: $1/8"$, $3/16"$ and $1/4"$ -high. $10 \times 2 \times 1/32"$. **276-183** **2.99**

H NEW! Logic Template. Transparent guide with computer logic symbols. A "must" for students, designers and hobbyists. Use it to produce accurate, "book-quality" systems designs and logic-related flow charts.

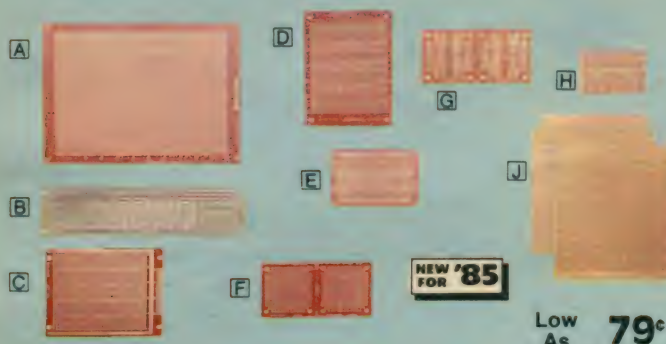
276-186 **1.99**

PC Board Layout Template. **276-179** **3.95**

Circuit Symbols Template. **276-180** **3.95**

ARCHER® BOARDS HELP YOU BUILD IT BETTER

Predrilled PC Boards for IC Projects



Low As **79¢**

A Grid Boards. .100 x .100" centers for DIP ICs, sockets and headers. Solder-ringed holes. Indexed columns and rows to help you identify component pin outs.

Size	Holes	Cat. No.	Each
4 1/2 x 6 3/4"	2200	276-147	2.99
2 3/4 x 3 3/4"	750	276-158	1.95
1 7/8 x 2 7/8"	356	276-149	.79

Dual Grid Board. Dual version #276-158. 276-161 2.95

B Memory PC Board. Mounts up to nine 16 or 18-pin ICs. Four busses, 72 solder-ringed holes for mounting support components. Mounting holes at corners. 6 1/2 x 1 1/2". 276-184 1.99

C Universal PC Board. Accepts ICs up to 40 pins. Total of 750 indexed, solder-ringed holes. Two busses, one grounding strip. Mounting holes at corners. 3 3/4 x 2 7/8". 276-168 ... 1.95

D IC/LSI Board. For LSI ICs up to 40 pins. 750 holes with solder rings, indexed on both sides. DIP centers. 2 3/8 x 3 3/4". 276-162 1.95

E Multi-Purpose Bus Board. NEW! Two bus strips at the center. PC pattern traced on component side speeds building. 417 solder points. 1 7/8 x 2 7/8". 276-150 79¢

F Dual Mini General-Purpose Board. NEW! 213 holes. 1 3/4 x 3 3/4". Can be snapped in half. 276-148 99¢

G Dual IC Board. Accepts two 6 to 20-pin DIPs. Four connecting points for each IC pin. 1 3/4 x 3 3/4". 276-159 1.49

H Single IC Board. NEW LOW PRICE! Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. 2 1/8 x 1 1/2". Was \$1.09 in 1984 catalog. 276-024 79¢

I Multi-Purpose Plug-In Board. NEW LOW PRICE! Poly-glass material withstands circuit changes. 4 1/2 x 4" with 1/8" grids. Fits 44-pin socket. Was \$3.69 in 1984 catalog. 276-152 2.99

Three-Voltage Source Plug-In Board. NEW LOW PRICE! Like Fig. J, but has three busses. Ideal for op-amp circuits. Was \$3.69 in 1984 catalog. 276-154 2.99

44-Position Card Edge Socket. For Fig. J, above. 276-1551 2.99

It's Easy to Etch Your Own PC Boards



PC Board Kit. Two 4 1/2 x 3" solid copper-clad boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, 1/16" drill bit and instructions. 276-1576 8.95

Extra Pen. 276-1530 1.39

Extra Etching Solution. 16 oz. in plastic bottle. 276-1535 2.49

Direct-Etch Dry Transfers. Just press on a copper clad board and you're ready to etch. Four sheets of circles, strips, IC pads and more. 276-1577 Set 2.59

IC Inserter And Extractor

6⁹⁵

Handle DIP ICs The Safe Way

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices. 276-1574 Set 6.95

16-Position DIP Header

1⁶⁹



Resistors, capacitors, jumpers and more mount in this header that fits 16-pin DIP sockets. With cover. 276-1980 1.69

Solid and Perfboards, Push-In Terminals

IC-Spacing Perforated Boards

Size	Cat. No.	Each
4 1/2 x 6"	276-1394	1.89
2 3/4 x 6"	276-1395	1.49
6 x 8"	276-1396	2.59

L Push-In Terminals. NEW LOW PRICE! Ideal for breadboarding. Fit Fig. K and other boards with 3/64" dia. holes. Was \$2.29 in 1984 catalog. 270-1392 Pkg. of 100/1.99

M Solid Copper-Clad Board. Copper clad on one side. No holes, 6 x 6". 276-1587 2.19

N PC Board Assortment. 85 square inches! May include phenolic, glass, double and single-sided boards. 276-1591 1.98

Q Nylon Spacers. Fast and easy way to mount PC boards 3/8" from chassis or enclosure. Snap into place—no additional hardware needed. Require 4 mm dia. mounting holes in PC board and 4.8 mm holes in chassis. 270-1391 Pkg. of 8/69¢



Wire Wrapping Tool



Includes Handy Wire Stripper

5⁹⁵

Balanced 4 1/2" all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. 276-1570 5.95

30-Gauge Wire

2³⁹ 50-Ft. Spools

Use with any wrapping tool to make fast and reliable connections.

Color	Cat. No.	50-ft. Spool
Red	278-501	2.39
White	278-502	2.39
Blue	278-503	2.39
Yellow	278-504	2.39

Wrap DIP Sockets



Low As **1¹⁹** Pkg. of 2

Square 0.25" Posts

Posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.19
14	276-1993	1.29
16	276-1994	1.39

Low-Profile DIP Sockets



Low As

49¢

Low-Resistance Contacts

Quality non-wicking sockets for PC use

Type	Cat. No.	Price
8-Pin	276-1995	2/59¢
14-Pin	276-1999	2/89¢
16-Pin	276-1998	2/89¢
Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
24-Pin	276-1989	.79
28-Pin	276-1997	.89
40-Pin	276-1996	.99

IC Inserter And Extractor

6⁹⁵

Handle DIP ICs The Safe Way

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices. 276-1574 Set 6.95

16-Position DIP Header

1⁶⁹



Resistors, capacitors, jumpers and more mount in this header that fits 16-pin DIP sockets. With cover. 276-1980 1.69

IC Static Protector

89¢



5 x 5" conductive foam mat for workbench or shipping. Protects sensitive ICs and components from damaging static discharge. May be cut. 276-2400 89¢

Anti-Static Wrist Strap



NEW FOR '85

1⁹⁹

Stop zapping expensive static-sensitive semis! Conductive strap with hook-and-loop fastener easily adjusts to fit any wrist. 24" ground lead with 'gator clip. 276-2399 1.99

RADIO SHACK—AMERICA'S #1 PARTS PLACE™

Connectors for Computers & Video Games



Solder-Type Submini "D" Connectors. Ideal for computer interfacing and building your own joystick extension cords.

Type	Positions	Cat. No.	Each
Sub-D Male	9	276-1537	1.99
Sub-D Female	9	276-1538	2.49
Hood for Above	9	276-1539	1.99

Type	Positions	Cat. No.	Each
Sub-D Male	15	276-1527	2.49
Sub-D Female	15	276-1528	3.49
Hood for Above	15	276-1529	1.99

Type	Positions	Cat. No.	Each
Sub-D Male	25	276-1547	2.99
Sub-D Female	25	276-1548	3.99
Hood for Above	25	276-1549	1.99

D-Sub 25 Dustcaps

Protect connectors and equipment from moisture and dust contamination. One male, one female. 276-1546 . . . Set 39¢

Card-Edge Socket

2⁹⁹

44-Position. Accepts plug-in boards such as Fig. J on the facing page. 276-1551 . . . 2.99

16-Pin DIP Jumper

3⁹⁹

Simplifies interconnection of digital projects. Two 16-position DIP plugs connected by an 18" long color-indexed ribbon cable. 276-1976 . . . 3.99

Mini DC Buzzers

1⁶⁹

Small enough to hide, loud enough to demand attention! 1 1/16" mounting centers. With leads.

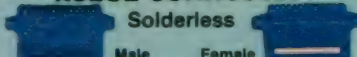
DC Voltage	Cat. No.	Each
1.5 to 3	273-053	1.69
6	273-054	1.69
12	273-055	1.69

DC Buzzer in Metal Case

Super Loud 1⁸⁹ Each

Low current—ideal for battery circuits. 1 1/2" dia. by 1 3/8". With leads. 12 VDC. 273-051 . . . 1.89

RS232 Connectors



Type	Cat. No.	Each
D-Submini 25 Male	276-1559	4.99
D-Submini 25 Female	276-1565	4.99

RS232 Ribbon Cable

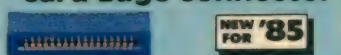


Length	Cat. No.	Price
5 Feet	278-772	3.59
25 Feet	278-773	16.95

Printer Connector

Solder-type 36-position. For parallel printers (Centronics). Heavy-duty metal shielded construction. 276-1534 . . . 6.99

Card-Edge Connector

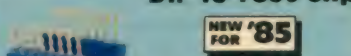


34 positions, solderless type. For disk drives. 276-1564 . . . 4.95

34-Position Header

With strain relief for ribbon cable. Fits parallel printer port of TRS-80® Models II, 12, 100, and 16B computers. 276-1525 . . . 3.19

DIP IC Test Clip



Gold-Plated Pins

For 16-pin DIP ICs. Convenient because it allows you to easily access individual IC pins on a crowded board. Ideal for use with micro test clips. 276-1982 . . . 3.99

Archer-Paks! Only \$1.98 Each

50 Switching Diodes

1N914/1N4148. Silicon. Ideal for logic. Switching time low as 4 ns. PRV: 90. 276-1620 . . . 1.98

20 Electrolytic Capacitors

Minis, subminis. 0.1 µF to 47 µF. Up to 50 WVDC. 272-802 . . . 1.98

6 Linear ICs

One each: 555 timer, 741 op amp, 1458 dual op amp plus three other linear ICs. 276-1652 . . . 1.98

12 Potentiometers And Trimmers

Assorted styles. May include wirewounds, multi-turns. 271-1605 . . . 1.98

15 All-Purpose Transistors

2N3904. Popular NPN small-signal type for amplifying and switching. Diss: 300 mW, V_{CEO} 40 V. Typical h_{FE} 50. TO-92 case. 276-1603 . . . 1.98

1N4000-Series Diodes

25 rectifier diodes. Ten 1N4001s, five 1N4002s 1N4004s, and five others. 276-1653 . . . 1.98

15 Silicon NPN Transistors

General-purpose amplifier, high-speed, medium power switch. Diss: 600 mW, I_C 800 mA. Typical h_{FE} 50. 276-1617 . . . 1.98

10 Rectangular LEDs

May include red, green, yellow, regular and high-efficiency types. 276-1655 . . . 1.98

5 Photocells

Cadmium-sulfide photo-resistors. Ideal for light-control experiments. Style may vary. 276-1657 . . . 1.98

2 LED Displays

Two 0.4" common-anode digital displays. Left decimal. Fit 14-pin DIP socket. 276-1656 . . . 1.98

25 Assorted Zener Diodes

Ratings from 2.8 to 120 V. 250 mW to 5 watts. May include double anode types. 276-1629 . . . 1.98

20 Assorted LEDs

May include red, green, amber types, infrared-emitting, more. 276-1622 . . . 1.98

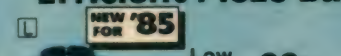
15 Amplifying Transistors

2N3906. Popular PNP small-signal type. Diss.: 350 mW. TO-92 case. 276-1604 . . . 1.98

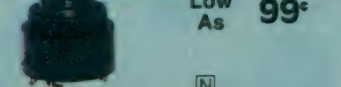
5 Optocouplers

Includes one each: TIL111, MCT2, H11A1, plus two others. 276-1654 . . . 1.98

Efficient Piezo Buzzers and Elements



Low As 99¢



Pulsing/Continuous Piezo Buzzer. NEW! Great for alarm systems, vehicle backup alerts. May be panel mounted. Three screwdriver terminals, one is common positive. Negative terminals select mode. Approx. 2800 Hz pulsed at 1.2 Hz. Output: 90 dB at 12 VDC. 4 to 28 VDC, only 10 mA at 12 VDC. Fits 1 1/16" diameter hole. With threaded mounting ring. 273-068 . . . 6.95



Pulsing Piezo Buzzer. Approx. 2800 Hz. 95 dB. 3 to 28 VDC. 12 mA at 12 volts. Mounting hole centers 1 1/16" apart. 273-066 . . . 3.59



Piezo Buzzer With Leads. Piercing 3.6 kHz signal. 4 to 38 VDC. 5 mA at 12 V. Mounting hole centers 1 1/4" apart. 273-060 . . . 2.99



PC Board-Mount Piezo Buzzer. 3 to 20 VDC. 1 1/16" x 1 1/16" dia. 273-065 . . . 2.49



Piezo Transducer. Two-wire type. 3000 to 5000 Hz, reduced output outside of range. Ideal for use with tone ringer IC 276-1302. 30 VAC p-p, 5 mA. Approx. 1/8" high. Mounting hole centers 1 1/16" apart. 273-069 . . . 99¢

Fixed-Frequency Piezo Element. Three-wire type. Up to 90 dB at 6.5 kHz. Requires external driver circuit. 1 1/8" mounting centers. With data. 273-064 . . . 1.49

Mini Pulsing Buzzer

NEW '85

Extra-loud 80 dB output with 2 Hz pulse rate. Requires 12 VDC at 20 mA. Mounting holes: 1 1/8" apart, 4 3/4" leads. 273-058 . . . 2.99

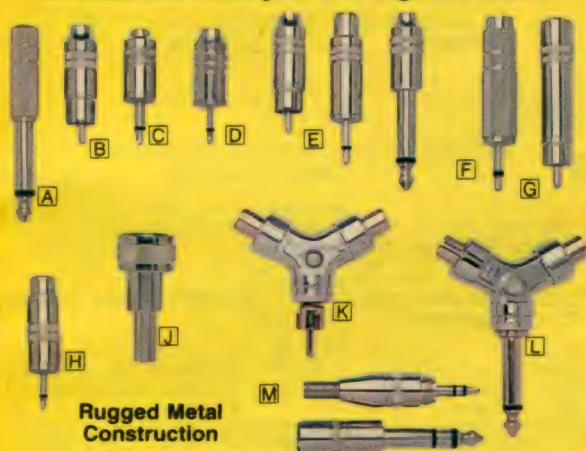
"Doorbell" Electronic Chime

"Ding-Dong" Output

Familiar sound—great for alarms, annunciators. Three lead device operates on 1 1/2 VDC at 30 mA. Sound pressure: 75 dB. Mounting holes: 1 7/16" apart. 4 3/4" leads. 273-067 . . . 6.95

AUDIO PLUG ADAPTERS AND XLR CONNECTORS

Shielded Adapters Fight Hum



- A** 1/8" Phone Jack to 1/4" Phone Plug. 274-325 1.29
- B** 1/8" Mini Phone Jack to RCA-Type Plug. 274-326 1.29
- C** 3/32" Submini Phone Jack to 1/8" Phone Plug. 274-328 .. 1.39
- D** 1/8" Phone Jack to 3/32" Submini Phone Plug. 274-327 .. 1.29
- E** 3-Piece Plug Adapter Set. 1/8" phone jack to RCA-type phono plug, RCA-type phono jack to 3/32" submini phone plug, 1/8" mini phone jack to 1/4" phone plug. 274-046 Set of 3/2.49
- F** 1/4" Jack to 1/8" Plug. 274-047 1.29
- G** 1/4" Phone Jack to Phono Plug. Connects mikes, guitars to RCA-type phono jack. 274-389 Pkg. of 2/2.19
- H** RCA-Type Phono Jack to 1/8" Plug. 274-330 1.39
- J** Mike Adapter Plug. Adapts standard 1/4" plug to screw-on type coaxial mike plug. 274-048 1.29
- K** Shielded Y-Adapter. Two phono jacks connected in parallel to one RCA-type phono plug. 274-303 1.79
- L** Shielded Y-Adapter. Two phono jacks in parallel to a 1/4" phone plug. 274-304 1.79
- M** Stereo Headphone Shieldadapter™ Plug. Three-conductor 1/8" solder-type mini plug with cable strain-relief. An adapter is included so you can also use the plug with 1/4" stereo jacks. Will also serve as a 2-conductor adapter. 274-044 2.79

1/4" Headphone Plug Adapters



- Z** Y-Adapter. Dual RCA-type phono jacks to 1/4" stereo plug. L-R color-coded. For playback or recording. 274-308 2.99
- AA** Stereo Dual Jack Adapter. Share your music! Hook up two stereo headphones to a single 1/4" stereo jack. 274-302 2.99
- BB** 1/8" Dual Jack Adapter. Two 1/8" jacks to one 1/4" plug. Mono. 274-310 1.59
- CC** 1/4" Stereo Jack to Mono 1/4" Phone Plug. Use stereo headphones with CBs, ham, shortwave and scanner radios, mono audio equipment. 274-360 1.49
- DD** 1/4" Stereo Jack to 1/8" Mono Phone Plug. 274-361 1.59
- EE** 1/8" Mono Jack to 1/4" Stereo Plug. Permits listening or recording in mono from stereo headphone jack. 274-363 1.59
- FF** Phono Jack to 1/4" Stereo Plug. Combines left and right channels from stereo headphone jack to mono-output RCA-type phono jack. 274-365 1.29

XLR Connectors and Adapters



For Professional Audio Systems

- N** A3M-Type 3-Pin Plug. All-metal die-cast body for durability and shielding. Satin finish. As attractive as it is rugged. 274-010 3.29
- Q** A3F-Type 3-Pin Inline Connector. Precision crafted. Mates with A3M. Cable strain relief. 274-011 3.29
- P** D3F-Type 3-Pin Panel Jack. Latching type with pushbutton release. Accepts A3M. 274-013 3.69

- Q** Adapter/Transformer. A3F to 1/4" phone plug. Use a mike having an A3M connector with amplifier or recorder that has 1/4" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 9.95
- R** Adapter/Transformer. 1/4" jack to A3M plug. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 8.95

Adapters for Easy Hookups



- S** Adapter Set. Mono 1/8" mini plug to: 3/32" submini jack, 1/4" phone jack, RCA-type phono jack. 274-359 3-Piece Set, 2.49
- T** Dual Mike/Speaker "Y"-Adapter. Two 1/4" mono phone jacks to 1/4" mono plug. 274-309 2.59
- U** Dual Phono Jack Couplers. Connect two cables with RCA-type phono plugs. 274-1553 Pkg. of 2/1.39
- V** Dual Mini Jack Coupler. NEW! Connects two 1/8" phone plugs, stereo or mono. 274-1555 1.29

- W** Phono Plug Adapters. RCA-type phono jack to 2-conductor 1/4" plug. 274-320 Pkg. 2/1.99
- X** Dual 1/4" Coupler. Connects two cables with 1/4" plugs. Stereo or mono. 274-1556 1.79
- Y** RCA-Type Phono Jack to 1/8" Plug Signal Reducer. 40 dB attenuation lets you use a portable recorder's mike input to tape from line-level aux or tape-output sources without distortion. 274-300 1.99

Adapters for Mini Stereo Headphones



- GG** 3-Conductor Mini Plug "Y". Two 1/8" stereo jacks to one 1/8" stereo plug. 274-313 2.69
- HH** Stereo "Y"-Adapter. Two RCA-type phono jacks to one stereo 1/4" plug. Jacks are L-R color-coded. For recording and playback. 274-369 1.99
- JJ** Dual Jack "Y"-Adapter. Two 1/8" stereo jacks to 1/4" stereo plug. 274-305 3.49
- KK** 1/4" Stereo Phone Jack to 1/8" Stereo Phone Plug. Use standard stereo phones with personal portables. 274-366 2.59

- LL** 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-367 2.39
- MM** Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-371 2.59
- NN** Right-Angle 1/8" Stereo Phone Jack to 1/8" Stereo Phone Plug. 90° bend avoids cord breakage. Stereo or mono. 274-372 1.99
- OO** 1/8" Stereo Phone Jack to 1/8" Mono Phone Plug. Use "mini" stereo headphones with TVs, portable radios, tape recorders, hand-helds and other communications equipment. 274-368 1.19

HOOK UP WITH ARCHER® PLUGS AND JACKS

NEW FOR '85

Enclosed Jacks



A 1/4" Jacks With Insulated Ring. NEW! Electrically isolates entire jack when used on a metal panel. Mount in 15/32" holes with key slots to prevent rotation.

2-Conductor Open-Circuit Type. 274-258 89¢
2-Conductor, Single Closed Circuit. 274-259 89¢
3-Conductor Open-Circuit Type. 274-260 99¢
3-Conductor, Single Closed Circuit. 274-261 99¢
2-Conductor, Open Circuit. 274-280 69¢
3-Conductor, Open Circuit. 274-282 89¢

C Enclosed 1/4" Stereo Jack. 3-conductor. Double closed circuit. Includes schematic. 274-277 1.39

D Enclosed 1/8" Miniature Phone Jacks.
Closed Circuit. 274-296 Pkg. of 2/1.29
Open Circuit. 274-297 Pkg. of 2/1.19

E 3-Conductor 1/8" Miniature Phone Jacks.
Closed Circuit. 274-250 Pkg. of 2/1.69
Open Circuit. 274-249 Pkg. of 2/1.59

Inline Jacks



F Mono 1/4" Phone Jacks. Durable plastic shell. Accepts standard 1/4" plug. 274-340 Pkg. of 2/1.69

G Stereo 1/4" Phone Jacks. Slim 3-conductor jack mates with 3-conductor 1/4" stereo phone plug. Solder terminals. 274-141 Pkg. of 2/1.59

H 3-Conductor Shielded Phone Jack. Heavy-duty metal construction for shielding and durability. "Grip" finish. 274-142 1.99

J 2-Conductor 1/8" Jacks. Accept 1/8" mini phone plugs. Easy to install. 274-333 Pkg. of 2/1.29

K 3-Conductor 1/8" Jacks. Use with 1/8" plugs to make extension cords for personal stereo portables. Strain relief. 274-274 2/1.59

Open-Frame Jacks



L 1/4" Phone Jacks. Accept standard 1/4" phone plugs. With hardware for easy installation.

2-Conductor. Includes two open circuit, two closed. 274-324 Set of 4/2.39
2-Conductor, Open Circuit. 274-252 2/1.29
2-Conductor, Closed Circuit. 274-255 2/1.49
3-Conductor, Open Circuit. 274-312 2/1.59
3-Conductor, Closed Circuit. 274-311 2/2.19

M 2-Conductor 3/32" Subminiature Phone Jacks. For submini plugs. Closed circuit. 274-292 Pkg. of 2/1.19

N 2-Conductor 1/8" Miniature Phone Jacks. Mount in 1/4" hole. Usable in panels up to 1/8" thick.
Open Circuit. 274-251 Pkg. of 3/1.19
Closed Circuit. 274-253 Pkg. of 3/1.39



Q 2-Conductor 1/4" Phone Plugs. Long slim type with 1/2"-diameter barrel. 274-1536 Pkg. of 2/1.69

R 2-Conductor 1/4" Phone Plugs. Shielded to minimize hum. Slim type with 1/2"-diameter metal barrel. 274-1544 Pkg. of 2/2.49

S 2-Conductor 1/4" Phone Plugs. 3/4"-dia. ribbed plastic barrel for sure grip. 274-1539 Pkg. of 2/1.79

T 2-Conductor 1/4" Phone Plugs. All-metal shielded flat right-angle type. 274-254 Pkg. of 2/1.69

U 2-Conductor 1/4" Phone Plug. Heavy-duty shielded. For "pro" audio applications. Spring strain relief. 274-1545 1.49

V Right-Angle 1/4" Plug. 2-conductor. Black shell. Screw type terminals. 274-256 99¢

W 3-Conductor 1/4" Phone Plugs. Slim type with black shell. 274-139 Pkg. of 2/1.59

X 3-Conductor 1/4" Phone Plug. Shielded all-metal type. 15/8" barrel length. Nickel plated. Solder lug terminals. 274-285 1.49

Y 3-Conductor 1/4" Phone Plug. NEW! Shielded. With spring strain relief. 274-1546 1.69

Z 2-Conductor 1/8" Miniature Phone Plugs. Solder lug terminals. 15/8" long. Black. 274-286 Pkg. of 2/1.29

AA 2-Conductor 1/8" Miniature Phone Plugs. Solder lug terminals. 15/8" long. Red. 274-287 Pkg. of 2/1.29

AB 3-Conductor 1/8" Mini Phone Plugs. Solder connections. 274-284 Pkg. of 2/1.69

AC 2-Conductor 3/32" Submini Phone Plugs. Solder terminals. 15/16" long. Sets of 2. Black. 274-289. Red, 274-290. Tan, 274-291 Pkg. 2/99¢

AD Finger-Grip Phono RCA-Type Plugs. Wing-tip construction. 274-343 Pkg. of 10/1.59

AE Solderless Right-Angle Phono Plugs. Two red, two black. Ideal for audio. 274-383 Set of 4/1.29

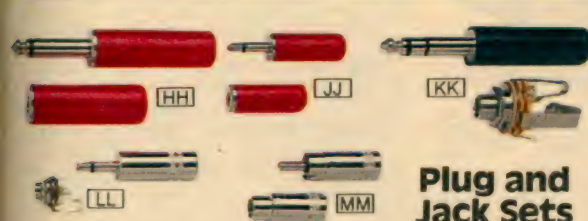
AF Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/1.39

AG Plastic Phono Plugs. Mate with any phono jacks. Screw-together plastic housing. 274-319 4/1.19

AH Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/1.29

AI Shielded Phono Plugs. For easy soldering. Mates with all RCA-type phono jacks. 274-339 Pkg. of 2/1.29

AJ Color-Coded Phono Plugs. Plastic insulated covers. Cable clamp for strong connection. Assorted colors. 274-321 Pkg. of 8/1.49



HH 1/4" Standard. Phone plugs, inline jacks. One set red, one black. Screw terminals. 274-1241 Pkg. of 2 Sets/2.59

IJ 1/8" Miniature. One black and one red set of two phone plugs, two inline jacks. 274-283 Pkg. of 2 Sets/1.79

KK 3-Conductor Plug and Jack. 1/4" open-circuit jack, matching phone plug. Solder terminals. With mounting hardware. 274-323 Set/1.79

LL 1/8" Miniature. Set of two shielded plugs, two closed-circuit jacks. All-metal plug prevents hum pickup. 274-336 Pkg. of 2 Sets/1.69

MM Shielded Phono Plugs, Jacks. Two sets of phono plugs and jacks for audio/video connections. 274-334 Pkg. of 2 Sets/1.69

4-Pin Audio Connectors



NN Chassis-Mount Socket. Mates with 4-pin plug. 274-002 99¢

OO Mike Plug. Many communications uses. Cable strain relief. Solder terminals. 274-001 1.59



PP Shielded Phono Jack. Fits 1/4" mounting hole. Solder lug terminals. 274-346 Pkg. of 4/1.79

QQ Plastic Inline Phono Jack. Hex-shape. Strain relief, screw-together plastic housing. 274-337 Pkg. of 4/1.19

RR Shielded Inline Phono Jack. Solder lugs. Metal construction prevents hum. 274-338 Pkg. of 2/1.19

SS Dual Phono Jack. Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. 274-332 Pkg. of 2/99¢

TT Quad Phono Jack. Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. 274-322 99¢

UU Octal Phono Jack. Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. 274-370 1.29

See Page 93 for Information on Large-Quantity Discounts

RADIO SHACK FINISHING TOUCHES FOR PROJECTS

Knobs for 1/4"-Diameter Shafts



Brass Bushings and Set-Screws

- A** Communications. 1 1/2" dia. by 1 1/16". Knurled grip, square pointer notch. 274-402 Pkg. of 2/99c
- B** Knobs With Blue Insert. 1/2" dia., 9/16" deep. Match our 270-220 series of enclosures. 274-403 Pkg. of 2/79c
- C** **D** Deluxe Knobs. Beveled front edge, groove pointer. Aluminum over plastic. 3/4" Diameter. 274-405 2/1.79
- 1 1/2" Diameter. 274-406 2/2.49
- E** Contemporary. 1" diameter, 5/8" deep. Metal over plastic, handsome etched finish. 274-424 Pkg. of 2/1.89
- F** Knurled Grip. 1 1/2 x 7/8". 0-10 calibrated. 274-392 Pkg. of 3/1.99
- G** Hexagon. 1 3/8 x 3/8". Pkg. of 2/1.29
- H** Knurled Grip. 1 1/8 x 1 1/16". 2/1.39
- Single-Line. 274-414 2/1.39
- 0-10 Calibrated. 274-413 2/1.39
- J** Economy Molded. 3/4 x 7/16". Pkg. of 4/1.59
- 274-415 Pkg. of 4/1.79
- 1 x 1 1/16". 274-418 Pkg. of 4/1.79
- K** 3/4" Knurled. 1 1/2" deep. 274-380 Pkg. of 6/1.99

Quiet Cooling Fan



15⁹⁵

For
Computers,
Power
Supplies,
Ham
Equipment,
Amplifiers

Cools components to extend life and boost performance! Also great for passive solar heating units. Delivers up to 65 cubic feet per minute. Features diecast venturi, leads for easy hookup. For 120 VAC. 11 watts. U.L. recognized. 4 11/16 x 4 11/16 x 2 1/2". 273-241 15.95

Mini Audio Amplifier With Built-In Speaker

11⁹⁵

- High-Gain IC Design
- 200-Milliwatt Output



Perfect for Use With Computer Programs That Have Sound Output

Compact, multi-purpose amplifier with volume control, on/off switch. Applications include: practice amplifier for electric guitar, workbench test amplifier or signal tracer, phone amplifier with our #44-533 telephone pickup coil, and more. Two 1/8" phone jacks—one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 millivolt input sensitivity. 3 3/8 x 3 3/8 x 1 3/4". Requires 9V battery. 277-1008 11.95

Enclosure and PC Board 2⁹⁹



NEW FOR '85

A big value in a small enclosure! 1 1/8 x 3 1/2 x 2 5/8", made of rugged, yet easy-to-drill molded plastic. Includes a 2 x 3 1/8" perforated board with solder rings. Accepts standard DIP ICs. With two label inserts, complete hardware and snap-in rubber feet. 270-291 2.99

Slope-Front Cabinets

NEW FOR '85



Low
As
3⁹⁵

Ideal for test equipment, audio mixers, control panels and more. Steel. 270-264 and 266 have "hammertone" finish. 270-282 is beige. With hardware and rubber feet.

Height		Width	Depth	Cat. No.	Each
Front	Rear				
1 3/8	2 7/8	5 7/8	4 1/8	270-264	5.95
1 1/4	3 1/2	10 15/16	8	270-266	9.95
1 5/16	1 1/2	6 5/16	4 3/4	270-282	3.95

Speaker Terminal Plate

1⁹⁹



Ideal for
Hi-Fi, PA
And Musical Instrument Speakers

Recessed design lets you mount enclosure close to wall. Spring-action terminals for easy wire hookup, plus a centered RCA-type phone jack with a removable plug to maintain the acoustic "seal" of the speaker system. 274-625 1.99

Economy Cases



Low As
1⁶⁹

Blue plastic. Internal slots for PC boards.

Size	Cat. No.	Each
4 x 2 x 1 3/16"	270-220	1.69
4 x 2 7/16 x 1 1/16"	270-221	1.89
4 3/4 x 2 1/2 x 1 3/16"	270-222	2.19
6 x 3 1/16 x 1 7/8"	270-223	2.69
7 1/2 x 4 1/3 x 2 1/5"	270-224	2.99

Lightweight Box



NEW FOR '85
4⁹⁹

Extra-durable heavy-gauge aluminum with removable plastic front and back panels. 2 1/2 x 4 1/2 x 3 5/8". Internal slots accept two 4 x 3" PC boards. 270-286 4.99

Metal Cabinets

Low As
2⁹⁹



Vented steel tops, easy-to-work aluminum chassis, rubber feet and complete hardware.

Size	Cat. No.	Each
3 1/4 x 2 1/8 x 4"	270-251	2.99
4 x 2 3/8 x 6"	270-252	3.99
5 1/4 x 3 x 5 7/8"	270-253	4.99

Terminal Strips



Low
As
99^c

Cadmium Plated Pkg. of 2

2 Screw Terminals With RCA-Type Phono Jack. Ideal for antenna and speaker connections. 2 3/8" long. 274-620 Pkg. of 2/1.29

2 Terminals. (Not shown). 1 1/16" long. 274-663 Pkg. of 2/99c

4 Terminals. (Not shown). 2 9/16" long. 274-665 Pkg. of 2/99c

5-Lug Tie-Points

89^c



Pkg. of 4

Phenolic, 3/8" centers. Center lug for grounding. 274-688 Pkg. of 4/89c

Experimenter Boxes

Low As
1⁵⁹

Plastic bodies, aluminum covers.

Size	Cat. No.	Each
3 1/4 x 2 1/8 x 1 1/8"	270-230	1.59
4 x 2 1/8 x 1 5/8"	270-231	1.69
5 1/16 x 2 3/8 x 1 5/8"	270-233	1.99
6 1/4 x 3 1/4 x 2"	270-627	2.39
7 3/4 x 4 3/8 x 2 3/8"	270-232	2.99

Chassis Boxes

Low As
1⁶⁹

With Hardware



Size	Cat. No.	Each
2 3/4 x 2 1/8 x 1 5/8"	270-235	1.69
4 x 2 1/8 x 1 5/8"	270-239	1.89
5 1/4 x 3 x 2 1/8"	270-236	2.49

Dry Transfers

2⁵⁹

Four Sheets



Now it's easy to add labeling to your project. Includes rub-on letters, symbols, numbers and calibration marks for controls. For plastic and metal surfaces. 270-201 2.59

FUSES & CONNECTORS HELP YOU MAKE IT SAFE

Wide Selection of Fuses



A Fast-Acting, 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 3	Amps	Cat. No.	Pkg. of 3
1/4	270-1270	.69	4	270-1277	.69
1/2	270-1271	.69	5	270-1278	.69
3/4	270-1272	.69	6	270-1252	.69
1	270-1273	.69	7	270-1253	.69
1.5	270-1274	.69	8	270-1254	.69
2	270-1275	.69	10	270-1279	.69
2.5	270-1260	.69	15	270-1280	.69
3	270-1276	.69	—	—	—

SFE-Type Auto Fuses, 1/4 x 1/4" diameter, 20 amps. 270-1268 Pkg. of 3/69¢

C Slow-Blow, 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 2	Amps	Cat. No.	Pkg. of 2
1/2	270-1282	1.19	4	270-1289	1.19
1	270-1283	1.19	5	270-1287	1.19
1.5	270-1284	1.19	6	270-1291	1.19
2	270-1285	1.19	7	270-1292	1.19
3	270-1286	1.19	8	270-1293	1.19

D Fast-Acting Pigtail, 1/4 x 1/4"

Amps	Cat. No.	Pkg. of 2	Amps	Cat. No.	Pkg. of 2
1	270-1223	.99	4	270-1228	.99
2	270-1225	.99	5	270-1229	.99
3	270-1227	.99	8	270-1232	.99

E Fast-Acting International Fuses, 5 x 20 mm

Amps	Cat. No.	Pkg. of 2	Amps	Cat. No.	Pkg. of 2
0.315	270-1249	.89	2	270-1244	.89
1/4	270-1241	.89	2.5	270-1245	.89
3/4	270-1242	.89	3	270-1246	.89
1	270-1250	.89	4	270-1247	.89
1.5	270-1243	.89	5	270-1248	.89

F Plastic Auto Fuse, "Blade"-type used in many late-model vehicles, 20 amps. 270-1208 Pkg. of 2/89¢

Circuit Breaker

Rated 2 amps, for 120 VAC. Mounts in single 3/16" hole. Trips within 120 seconds at 3 1/2 amps, 60 seconds at 4 A. 1 1/2" x 1/2" x 1 1/4"

270-1310 1.49 U.L. Recognized

NEW '85 FOR

1.49



Multi-Conductor Nylon Quick Disconnects

Low As
99¢ Pair

Error-Proof Polarity

Female Male

Durable connectors for electronic, appliance and automotive use. Polarized to assure proper hookup. Pins may be crimped or soldered to wire, then inserted into housing. 8 amps at 125 VAC per circuit.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

Two-Pin Male/Female Set, 274-222 Pair/99¢

"Blade" Fuse Kit

Carry spares! Box with one each of the most-used plastic types: 5, 7.5, 10, 15, 20 amps. Color-coded. 32 volts. 270-1201 Set 1.59

Auto Fuses

1.89 Set of 10

Pack of most-used glass types. Two SFE-20. One each: AGC types 3, 10, 15, 25 and 30. One each: SFE types 7 1/2, 9, 14 and 20. 270-1262 Set 1.89

For 1/4 x 1/4" Fuses:

- J Four-Position "Fuse Block."** Sections can be separated. Accepts quick-disconnect (auto-type) connectors, or can be soldered. 30 amps per circuit. U.L. recognized. 270-742 2.19
- K Clip-In Chassis-Mount Holder.** Ideal for applications within enclosures. Solder terminals. 270-739 Pkg. of 2/79¢
- L Panel-Mount With Screwdriver Slot.** Rated 10 amps at 250 VAC. U.L. recognized. 270-367 99¢
- M Panel-Mount.** 1 1/8" long, requires 1/2" mounting hole. Solder terminals. 270-364 89¢
- N Panel-Mount.** Modern-look square bezel. 1 1/8" long, requires 1/2" mounting hole. 270-365 99¢
- O Inline.** Spring assures positive contact pressure. Tinned wire leads. 270-1281 89¢
- P Quick-Connect.** For 1/4 x 1/4" fuses. Solderless, requires 14 to 24-gauge wire. 270-366 99¢

Coaxial DC Power Connectors



NEW '85 FOR

Q Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. With mounting hardware. 5.0 mm outside diameter, 2.1 mm inside diameter. 274-1565 Pkg. of 2/79¢

R Chassis-Mount Jacks. For coax plugs below. Set of two. One 2.1 mm ID, one 2.5 mm ID. 274-1549 Set, 99¢

S Coax Plugs. Fit external power sockets of most battery-operated equipment. Mate with jacks listed at the left with same inside diameter and outside diameter.

O.D.	I.D.	Cat. No.	Pkg. of 2
5.0 mm	2.1 mm	274-1567	.99
5.0 mm	2.5 mm	274-1568	.99
5.5 mm	2.1 mm	274-1569	.99
5.0 mm	1.6 mm	274-1570	.99
3.5 mm	1.3 mm	274-1571	1.49
6.3 mm	3.0 mm	274-1572	.99

Radio Shack—64 Years of Value, Service and Reliability

Barrier Strips



T Single-Row Barrier Strips

Positions	Cat. No.	Each
2	274-646	.99
4	274-647	1.49
6	274-648	1.89
8	274-649	2.29

U Dual-Row Barrier Strips

Positions	Cat. No.	Price
2	274-656	2 for 1.29
3	274-657	2 for 1.49
4	274-658	1.49 Each
6	274-659	1.59 Each
8	274-670	1.69 Each

V Feedthrough Barrier Strip. Eight screw terminals. Each has a 3/16" solder terminal on rear for connections inside of a chassis or enclosure. 274-653 1.99

W Eight-Position Jumper. Connects all terminals of #274-649, #274-670 or #274-653. Can be cut to connect two or more terminals of any of the barrier strips above. 274-650 1.59

"European" Barriers

Low As **1.89**

Molded plastic terminal blocks with recessed set screws to prevent accidental contact. Great for alarm system installations. 600 volts, 10 amps per circuit. 8-Position. 274-678 1.89
12-Position. 274-679 2.29

Multi-Pin Connectors



Indexed pins. Plugs fit only one way, and only into matching sockets. 7.5 amps, 500 volts max.

Male Cord Connectors

Mate with female cord or chassis connector below that have the same number of pins.

Pins	Cat. No.	Each
2	274-201	1.69
4	274-204	1.79
6	274-207	1.99

Female Cord Connectors

2	274-202	1.79
4	274-205	1.89
6	274-208	2.19

Chassis-Mount Socket. 2-pin socket mates with #274-201, 274-203 1.19

MOV Transient Protectors

Metal Oxide Varistors protect electronic circuits by diverting voltage transients before they can cause damage. For computers, other sensitive electronics. Easy to install.

Type	Duty	Cat. No.	Price
V130LA1	Very Light	276-571	2/1.99
SNR14A130K	Light	276-570	1.59 Ea.
SNR20A130K	Medium	276-568	1.69 Ea.



COAXIAL/TV CONNECTORS & CABLE ACCESSORIES

Video and RF Adapters

NEW '85
FOR



- A** UG-255/U Adapter. BNC male to SO-239. 278-120 2.39
- B** UG-273/U Adapter. BNC female to PL-259. 278-121 2.39
- C** Coax Plug Adapter. SO-239 to Motorola or RCA-type plug. Fits scanner and communication equipment antenna jacks. 278-208 1.79
- D** Male "F" Connector to RCA-Type Phono Plug. 278-253 1.29
- E** RCA-Type Phono Jack to Male "F" Connector. 278-255 1.19
- F** Female "F" to RCA-Type Phono Plug. 278-252 1.19
- G** Female "F" to BNC Male. 278-251 2.39
- H** BNC Female to RCA-Type Phono Plug. 278-250 1.99
- J** RCA-Type Phono Jack to Male BNC. 278-254 2.19
- K** NEW! NC Female to Male "F" Connector. 278-256 1.99

TV/FM Antenna Connectors and Crimping Tools

NEW '85
FOR



- L** 75-Ohm Coax Connectors. Type F-29. For RG59/U cable used in TV antenna systems. 278-211 Pkg. of 2/89¢
- M** Coax "F" Connector. Type CF-59. Long 1/2" crimp ring for greater holding power to RG59/U cable. 278-222 Pkg. of 2/99¢
- N** F-59 Solderless Push-On Connector. Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. For RG59/U cable. 278-215 89¢
- O** F-59 Crimp Rings. For replacement of F-59 connectors. 278-216 Pkg. of 6/49¢
- P** F-61 Connectors. Mate with F-59 connector. 278-212 Pkg. of 2/89¢
- Q** F-81 Coupler. Couples two F-59 connectors. 278-213 89¢
- R** Female "F" Screw-On to Male "F" Push-On. 278-218 99¢
- S** "F" Male-"F" Male Adapter. 278-219 1.39
- T** Female to Male "F" Right-Angle Adapter. 278-221 1.69
- U** Crimping Tool. For "F" connectors. 278-220 1.39
- V** NEW! Heavy-Duty Hex Crimp Tool. For "F" connectors. Ideal for use with #278-222/223. 278-242 4.95
- W** NEW! Professional Crimp Tool. Our best! For use with #278-222/223. 278-243 11.95

Wide Selection of RF Connectors and Adapters



- X** SO-239 Chassis Mount. UHF-type, plated finish. 278-201 89¢
- Y** Solderless PL-259 Plug. For RG58/U cable. 278-196 Pkg. of 2/2.19
- Z** PL-259 Plug. Standard UHF-type connector, screw-on lock. 278-205 Pkg. of 2/1.89
- AA** UG176/U Reducer. For RG59/U cable. 278-204 Pkg. of 2/99¢
- BB** UG175/U Reducer. For RG58/U cable. 278-206 Pkg. of 2/99¢
- CC** Solderless Push-On PL-259 Plug. Plug pushes onto jack. Connector screws onto cable. For RG59/U or RG58/U cable. 278-190 1.69
- DD** Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact maintains wire impedance. 278-202 1.79

- EE** M-358 Right-Angle Adapter. UHF-type SO-239 to PL-259. 278-199 1.99
- FF** M-358 "T" Adapter. Two UHF-type SO-239s to one PL-259. 278-198 2.49
- GG** PL-258 Coupler. Joins two PL-259 plugs. Plated finish. 278-1369 1.49
- HH** Double PL-259 Adapter. Joins two SO-239 connectors. For CB and Amateur use with inline TVI filters, SWR meters, antenna switches. Plated finish. 278-192 1.79
- II** Solderless RCA-Type Plug. Ideal for video use. For RG59/U and RG62/U coaxial cables. 278-189 1.99
- JJ** Motorola-Type Plugs. Fit car radios, most scanners. 274-711 Pkg. of 2/69¢

BNC Connectors



- KK** Motorola-Type Jacks With Mounting Flange. 274-712 Pkg. of 2/79¢
- LL** Motorola-Type Jack With Shielded Inline Cable. 274-713 99¢
- MM** NEW! Solderless Motorola-Type Plug. 274-709 99¢
- NN** NEW! Solderless Motorola-Type Jack. 274-710 99¢
- OO** UG-306/U Right-Angle Adapter. BNC male to BNC female. Teflon insulation. 278-116 3.59
- PP** Type 1094 Female BNC. Mounts in single 5/16" hole. 278-105 1.69
- QQ** Type UG-88 Male BNC. Solderless. For RG58/U cable. 278-103 2.39
- RR** For RG59/U and RG62/U. 278-104 2.39
- SS** UG-914/U BNC Female to Female Adapter. 278-115 1.99

Multi-Purpose, High-Grade Coaxial Cable



Low As **14¢** Per Foot

Ideal for Amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough outer jacket. All copper conductors made in USA by Radio Shack.

Ohms	RG Type	O.D. (in.)	Velocity Factor	Loss Per 100 ft.		Capacitance Per Foot	Center Conductor	Cat. No.	Price Per Ft.
52	8/U	.405	66%	50 MHz, 3.0 dB 200 MHz, 5.0 dB	100 MHz, 3.5 dB 400 MHz, 8.0 dB	29 pF	13-ga 7 x 21	278-1325	32
52	8/M	.242	75%	50 MHz, 2.2 dB 200 MHz, 4.6 dB	100 MHz, 3.0 dB 400 MHz, 7.5 dB	26 pF	16-ga 19 x 29	278-1328	21
52	58/U	.196	66%	50 MHz, 4.0 dB 200 MHz, 8.0 dB	100 MHz, 5.3 dB 400 MHz, 12.0 dB	28 pF	20-ga solid	276-1326	.16
75	59/U	.242	75%	50 MHz, 1.8 dB 200 MHz, 3.9 dB 700 MHz, 9.1 dB	100 MHz, 2.8 dB 500 MHz, 7.5 dB 900 MHz, 10.6 dB	15.5 pF	22-ga solid	278-1327	.16
75	6/U	.266	75%	50 MHz, 1.2 dB 200 MHz, 2.7 dB 700 MHz, 6.7 dB	100 MHz, 1.8 dB 500 MHz, 5.1 dB 900 MHz, 8.3 dB	18.6 pF	18-ga solid	278-1324	14

Prices Apply at Participating Radio Shack Stores and Dealers

Coax Cable Stripper

10⁹⁵



Adjustable Blades. For perfect strips with RG6, RG59, RG58 RG6M and RG62 cables, and other cables from 3/16 to 5/16" diameter. 278-240 10.95

CB/Communication Coax Assemblies



- SS** 20-Ft. RG58/U Cable. PL-259 connector at each end. 278-967 6.39
- TT** 2-Ft. RG58/U Patch Cable. PL-259 at each end. 278-968 4.29
- UU** 5-Ft. RG8/U Patch Cable. PL-259 at each end. 278-969 5.49
- VV** 50-Ft. RG8/U Cable. PL-259 at each end. 278-970 19.95
- WW** 50-Ft. RG58/U Cable. PL-259 at each end. 278-971 11.95
- XX** 6-Ft. RG58/U Cable. Inline SO-239 to PL-259. 278-975 5.29
- YY** 10-Ft. RG58/U Cable. PL-259 to spade lugs. 278-966 6.39

THE SHACK® HAS EVERYTHING FOR YOUR WIRING

2-Conductor Speaker Wire

Low-loss, all-copper construction. Ideal for use with solid-state amplifiers. Plastic insulation is polarity-marked for easy hookup.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	2.19
Medium Clear	22 Stranded	100	278-1385	4.59
Standard Clear	20 Stranded	75	278-1388	5.39
Low-Loss Clear	18 Stranded	30	278-1602	3.49
Low-Loss Clear	18 Stranded	60	278-008	5.99
Low-Loss Clear	16 Stranded	50	278-1267	6.49
Standard Brown	20 Stranded	100	278-1387	5.99
Heavy-Duty Brown	18 Stranded	30	278-1263	3.89
Heavy-Duty Brown	16 Stranded	100	278-1384	11.95

Zip Cord Specials

Flexible twin-conductor stranded copper wire, plastic insulation. Colors vary.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	2.79
Miniature, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.69
2-Conductor, Plastic	18	100	278-1264	7.99

Shielded Cable

Low-loss cable for mikes, audio, communications equipment. All-copper conductors.

Fig.	Description	Feet	Cat. No.	Each
A	Heavy-Duty With Braided Shield	40	278-751	6.19
A	Single-Conductor With Braided Shield	20	278-1277	2.39
B	Miniature With Spiral Wrap Shield	30	278-752	3.29
C	2-Conductor With Spiral Wrap Shield	50	278-1275	5.19
C	2-Conductor With Spiral Wrap Shield	20	278-1276	2.69

Hook-Up Wire Packs

*Total footage. Colors vary.

Single Spools, Single Color

Fig.	Type	Ga.	*Ft.	Cat. No.	Each
D	Solid	18	60	278-1291	2.19
E	Stranded	18	55	278-1292	2.19
	Stranded	20	75	278-1293	2.19
	Solid	20	80	278-1294	2.19
	Solid	22	100	278-1295	2.19
	Stranded	22	90	278-1296	2.19

3 Spools, 3 Assorted Colors

Type	Ga.	*Ft.	Cat. No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Stranded	20	60	278-1304	2.19
Solid	20	75	278-1305	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

"Wrap Up" Your Wiring Jobs



F 4" Wire Ties. Nylon, self-locking for permanent attachment. Unbreakable.

278-1632 Pkg. of 30/1.59
5" Ties. 278-1631 Pkg. of 30/1.99
8" Ties. 278-1642 Pkg. of 30/2.99

G Wire-Tie Mounts. Self-adhesive, hold ties to any smooth, non-porous surface. 3/4 x 3/4". 278-441 Pkg. of 10/1.29

H Heat-Shrinkable Tubing. Fits over wire and shrinks to half its original diameter when heated. 1/16 to 1/2" sizes. U.L. listed. 278-1627 7/1.59

J Strain Reliefs. One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2-types. 278-1636 Set, 69¢

K Cable Feedthrough Bushing. For heater installation of RG6 and RG8M cables. 278-1644 Pkg. of 2/49¢
For RG59, RG58 and RG62 Cables. 278-1643 Pkg. of 2/49¢

L Cable Clips. For cables up to 3/8" dia. Self-adhesive. For smooth, non-porous surfaces. 278-1640 Pkg. of 10/1.99

M Coax Clips. Slip over cable and nail to wall. Keeps cable neat and secure. For RG58/U. 20-192 Pkg. of 10/79¢
For RG8/U. 20-193 Pkg. of 6/79¢

N Spiral Wrap. Neatly bundles long lengths of wire. 5-ft. clear and 5-ft. black. 3/8". 278-1638 2.19

O Universal Cable Clip. Adjusts to wire size, up to 1/2" diameter. Self-adhesive. 278-1639 Pkg. of 10/1.99

P Connector Sealant Tape. Keep your outdoor antenna connections sealed. Waterproof, low-loss, non-corrosive. Stays flexible. 5-ft. x 1/2" 278-1645 2.49

Q AC Cord Ties. For neater installation of power cords and other cables. 278-1646 Pkg. of 6/49¢

Solid Buss Wire

50-Foot. Pre-tinned 24-gauge copper wire just right for jumper and ground wiring on perforated boards. Plastic spool. 278-1341 1.49

Magnet Wire

Three different gauges of wire, each on a separate spool. You get 40-ft. of 22-gauge, 75-ft. of 26-gauge, 200-ft. of 30-gauge. 278-1345 Pkg. of 3 Spools/4.49

Test-Probe Wire

Flexible plastic insulation, 20-gauge stranded copper. 25 ft. long. Red. 278-553 1.99
Black. 278-554 1.99

2-Conductor Bonded

One red and one black. 18-gauge stranded. 25 feet. 278-1250 3.29

Heavy-Duty Wire

12-gauge, 20-foot length. Red. 278-1289 2.79
Black. 278-1280 2.79

Rainbow Wire Packs

Colors may vary from photo. Flexible flat cable, color-coded PVC insulation. For low-voltage hookups, intercoms. 24-gauge solid copper. 2-Conductor, 35 Ft. 278-755 2.39
4-Conductor, 25 Ft. 278-757 2.39

Telephone Cable

R 4-Conductor Cable. 24-gauge solid-copper conductors with color-coded insulation. 50 ft. 278-372 5.49
100 Ft. 278-373 10.95

4-Conductor Bulk. Sold by the foot. 278-1320 Price Per Foot/10¢

S NEW! 6-Conductor. For phones and alarms. 100 ft. 278-374 13.95

T Modular Cable. Four conductors, 26-gauge, color-coded insulation. 50 Ft. 278-365 5.49
100 Ft. 278-366 10.95

Intercom Cable

24-gauge. Color-coded insulation.

Description	Feet	Cat. No.	Each
2-Wire Solid	75	278-559	3.29
3-Wire Solid	75	278-370	5.49
3-Wire Stranded	50	278-371	4.39

Color-Coded Test Leads and Jumper Cables

U Set of 10 Test Lead Cables. 14" long with miniature insulated alligator clips on each end. 278-1156 3.29

Set of 4 Test Lead Cables. 30" long. Insulated clips at both ends. Red, green, black, yellow. 278-001 3.29

V 8-Pack of 24" Cables. Four colors, clips at each end. 278-1157 3.59

W Set of 6 Heavy-Duty Claw-Type Jumper Cables. 40" long. Insulated clips at both ends. 278-002 3.59

Replacement Cords

X 6-Ft. Line Cord. 18-gauge wire, molded 2-prong AC plug, stripped leads. U.L. listed. 278-1255 79¢

Y 6-Ft. AC Power Cord. Fits most cassette portables, radios. Female receptacle to 2-prong AC plug. U.L. listed. 278-1256 1.59

Z 4-Ft. Polarized, Fused DC Cable. Ideal for replacement for auto stereo, CB power cables. Quick-disconnect plug and inline holder for a 1 1/4 x 1/4" fuse (not incl.). 270-025 1.99

Shortwave Antenna Kit and Accessories



AA BB CC Complete Antenna Kit. Everything you need for outdoor hookup. Kit includes 75 feet of copper antenna wire, 50 feet lead-in wire, window feedthrough, insulators and complete instructions. 278-758 8.49

BB Heavy-Duty Antenna Wire. Seven strands of 22-gauge bare copper for maximum strength. 278-1329 65 Ft. for 4.59

CC Insulators. Strong, low-loss material. For antenna center and end insulators or guy wire installation. 270-1518 Pkg. 2/69¢

Visit Your Nearby Radio Shack for Assistance in Selecting the Right Wire and Cable for Your Needs

HIGHEST QUALITY CAPACITORS AT LOW PRICES

Hi-Q Ceramic Discs



Low As **39¢** Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating. Hi-Q design for low loss in RF circuits. Long leads. 50 WVDC.

pF	Cat. No.	Pkg. of 2	μF	Cat. No.	Pkg. of 2
4.7	272-120	.39	.001	272-126	.39
47	272-121	.39	.005	272-130	.39
100	272-123	.39	.01	272-131	.39
220	272-124	.39	.05	272-134	.49
470	272-125	.39	.1	272-135	.49



100 Disc Capacitors
1⁹⁸

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1 μF in working voltages up to 1000 volts. 272-801

For Printed Circuits

■ 50 WVDC
■ Epoxy Coated Low As **59¢**

Miniature size, extra-rugged construction. Long leads permit point-to-point wiring also.

Pkg. of 2

μF	Cat. No.	Pkg. of	Price
.01	272-1065	2	.59
.022	272-1066	2	.69
.047	272-1068	2	.69
.1	272-1069	2	.79
.22	272-1070	2	.89



Metal Film

■ Epoxy Dipped
■ 250 WVDC Aluminum deposited Polyester film for low leakage and high temperature stability. For PC boards and point-to-point wiring.

μF	Cat. No.	Each	μF	Cat. No.	Each
.01	272-1051	.39	.22	272-1058	.69
.047	272-1052	.49	.47	272-1054	.79
.1	272-1053	.59	1.0	272-1055	.89

Tantalum Capacitors

Low As **49¢**



Maximum capacity in an extremely small package. Standard IC pin spacing. 20% tolerance.

μF	WVDC	Cat. No.	Each
0.1	35	272-1432	.49
0.47	35	272-1433	.49
1.0	35	272-1434	.49
2.2	35	272-1435	.59
10	16	272-1436	.69
22	16	272-1437	.79

Monolithic Ceramics

NEW '85 FOR

Epoxy dipped for moisture resistance. NPO types are temperature stable, ±10%. Z5U (±20%) types for general-purpose bypass, coupling and blocking.

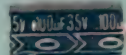


Low As **69¢**

50 WVDC

Value	Temperature Coefficient	Cat. No.	Each
10 pF	NPO	272-151	.69
100 pF	NPO	272-152	.69
470 pF	NPO	272-153	.69
1000 pF	Z5U	272-154	.69
4700 pF	Z5U	272-155	.69
.01 μF	Z5U	272-156	.69
.047 μF	Z5U	272-157	.69
.1 μF	Z5U	272-158	.79

Electrolytic Capacitors



Axial Type

Low As **49¢**



Radial Type

Axial Types

μF	WVDC	Cat. No.	Each
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
4700	35	272-1022	3.59
470	50	272-1046	1.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

Radial Types

μF	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89

Non-Polarized Electrolytics



Low As **79¢**

Ideal for speaker crossover networks and audio filters. Long axial leads. Rated 50 WVDC.

μF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

TV Colorburst Crystal



1⁶⁹

3.579545 MHz. Precision frequency standard in HC18/W package (wire leads). 272-1310

Trimmers



NEW '85 FOR

Low As

99¢ Pkg. of 2

Screwdriver slot adjust. For low-level RF and IF peaking. Compatible with printed circuit components.

Value	Max. DC Volts	Cat. No.	Package of 2
3 to 10 pF	500	272-1338	.99
5 to 60 pF	110	272-1340	1.59
15 to 150 pF	500	272-1339	1.19

Xenon Strobe Tube

2⁹⁹



Flash Tube. For replacement or projects. Trigger: 4 kV. Anode: 200 V minimum. 100,000-flash life.

272-1145



Color Code Guide
59¢

Pocket-sized and really handy! Gives you fast, direct readout of resistor, capacitor and inductor values ohms, pF and μH, plus tolerances. 271-1210

High Fidelity Electret Mike Elements



Low As **99¢**



PC Board-Mount. Omnidirectional. Operates from 2-10VDC with very low current drain, 1 milliamp max. 20 to 15 kHz ±4 dB. 6.6 mm high. 270-090

Omni-directional. Perfect for projects and upgrading of mikes. Remarkably clean 30 to 15,000 Hz response. 4-10VDC. 7/16 x 3/8" dia. With leads. 270-092

Micronta® Precision Panel Meters for DC Circuits



7⁹⁵
Each

- 0-15 Volts
- 0-1 Milliamp
- 0-50 μ Amps

Know "what's going on" in critical circuits! Jeweled movements. Accuracy, ±5% of full scale. 2 3/4 x 2 1/4 x 1 1/4". Mount in 17/8" round holes.

0 to 50 Microamps DC. 270-1751
0 to 1 Milliamps DC. 270-1752
0 to 15 Volts DC. 270-1754

BIG SELECTION OF RESISTORS AND CONTROLS

Archer® Deluxe Competition Joystick

Arcade Quality
At a Low Price!

14⁹⁵

Features a "jet fighter" contoured handle and two firing buttons—one on the handle and another on the base. Grips on base for "two-hand" operation, also. Includes 4-ft. cable with universal 9-pin connector. The perfect replacement or upgrader—fits Atari VCS, Atari 400, 800 and 2600, Sears Video Arcade, Commodore 64 and VIC 20, and more. 6 1/8" x 3 1/2" x 4 5/16" 270-1701 14.95

Joystick Extension Cord

NEW FOR '85 **3⁹⁹**

10 feet, 9-pin D-sub male connector at one end to 9-pin D-sub female. 276-1978 3.99

Suction
Cups
On Base
For Stable
One-Hand
Operation



Atari® is a registered trademark of Atari, Inc. VIC-20 is a registered trademark of Commodore International. Sears Video Arcade is a trademark of Sears Roebuck & Co.

DIN-Type Connectors



Solder Terminals

A 2-Pin Polarized Plugs. Ideal for speaker hookup to many car stereos and use with European-type hi-fi equipment. 274-008 Pkg. of 2/79c

Fig.	Type	Pins	Cat. No.	Price
B	Plug	4	274-007	1.49
C	Inline Jack	4	274-018	1.49
B	Plug	5	274-003	1.49
C	Inline Jack	5 or 3	274-006	1.49
D	Chassis Jack	5 or 3	274-005	.59

6-Pin Plug. NEW! Fits joystick port of TRS-80® Color Computer 2. Use with inline jack to make joystick extension cords. 274-020 1.19

6-Pin Inline Jack. NEW! Mates with 6-pin plug above. 274-021 99c

PC-Board Potentiometers

Thumb or screwdriver adjustable. Rated 1/4 watt. 260° rotation.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1 meg	271-229	.59

59^c
Each

Miniature PC Pots

49^c Each 1/8-Watt

Ohms	Cat. No.	Each
1k	271-333	.49
10k	271-335	.49
25k	271-336	.49
100k	271-338	.49
500k	271-339	.49



1/8-Watt

1/2-Watt, 10% Resistors

Ohms	Cat. No.
10	271-001
15	271-003
22	271-005
33	271-007
47	271-009
68	271-010
82	271-011
100	271-012
150	271-013
180	271-014
220	271-015

Ohms	Cat. No.
270	271-016
330	271-017
390	271-018
470	271-019
560	271-020
680	271-021
1k	271-023
1.2k	271-024
1.5k	271-025
1.8k	271-026
2.2k	271-027

19^c Pkg. of 2

Ohms	Cat. No.
3.3k	271-028
3.9k	271-029
4.7k	271-030
5.6k	271-031
6.8k	271-032
10k	271-034
12k	271-035
15k	271-036
22k	271-038
33k	271-040
39k	271-041



Ohms	Cat. No.
47k	271-042
56k	271-043
100k	271-045
150k	271-047
220k	271-049
270k	271-050
470k	271-053
1 meg	271-059
2.2 meg	271-061
10 meg	271-069

1/4-Watt, 5% Resistors

Ohms	Cat. No.
10	271-1301
100	271-1311
150	271-1312
220	271-1313
270	271-1314
330	271-1315
470	271-1317

Ohms	Cat. No.
1k	271-1321
1.8k	271-1324
2.2k	271-1325
3.3k	271-1328
4.7k	271-1330
6.8k	271-1333
10k	271-1335

39^c Pkg. of 5

Ohms	Cat. No.
15k	271-1337
22k	271-1339
27k	271-1340
33k	271-1341
47k	271-1342
68k	271-1345
100k	271-1347



Ohms	Cat. No.
220k	271-1350
470k	271-1354
1 meg	271-1356
10 meg	271-1365

Potentiometers for Replacement & Projects

E Potentiometers. All have a 1 1/16"-long, 1/4"-dia. shaft and mount in a 5/16" hole.

Audio Taper

Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09

Linear Taper

Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1 meg	271-211	1.09



F SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers. Rated 3 amps at 120 VAC. With installation instructions. 271-1740 69c

G 10k-Ohm Audio Pot With SPDT Switch. Mini size with 1/4"-diameter shaft. Fits 5/16" hole. 271-215 1.69

Wirewound Power Resistors

Low As **49^c** Each Axial Leads

Watts	Ohms	Tolerance	Cat. No.	Price
2	10.0	10%	271-080	2/.69
5	0.47	10%	271-130	Ea. 49c
10	1.0	10%	271-131	2/.89
10	10.0	10%	271-132	2/.89
10	50.0	10%	271-133	2/.89
10	100.0	10%	271-135	2/.89



Resistor Kits

2⁷⁹

Each

100 Pieces

1/2-Watt, 10% Tolerance. 100-piece set. 21 popular values from 100 ohms to one megohm. 271-306 Set, 2.79

1/4-Watt, 5% Tolerance. 100-piece set with 13 popular values, 10 ohms to 1 megohm. 271-308 Set, 2.79

15-Turn Pots

1⁴⁹

Each

- 3/4-Watt
- Screwdriver Adjust

NEW FOR '85

For critical fine-control, trimming. 10% tolerance.

500 Ohms. 271-341 1.49
1k Ohms. 271-342 1.49
10k Ohms. 271-343 1.49
20k Ohms. 271-340 1.49

100k Stereo Control

1⁷⁹

41-Step Precision "Feel"



Dual ganged pots with single 1/2"-long, 1/4"-dia. shaft. 40% loudness contour tap. Mount in 3/8"-dia. hole. 271-1732 1.79

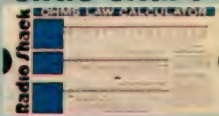
Metal-Oxide Resistors

29^c **NEW FOR '85**
Pkg. of 2

Small size and tight 5% tolerance. Rated one watt.

Ohms	Cat. No.
10	271-151
100	271-152
1000	271-153
4.7k	271-154
10k	271-155

Ohm's Law Slide Chart

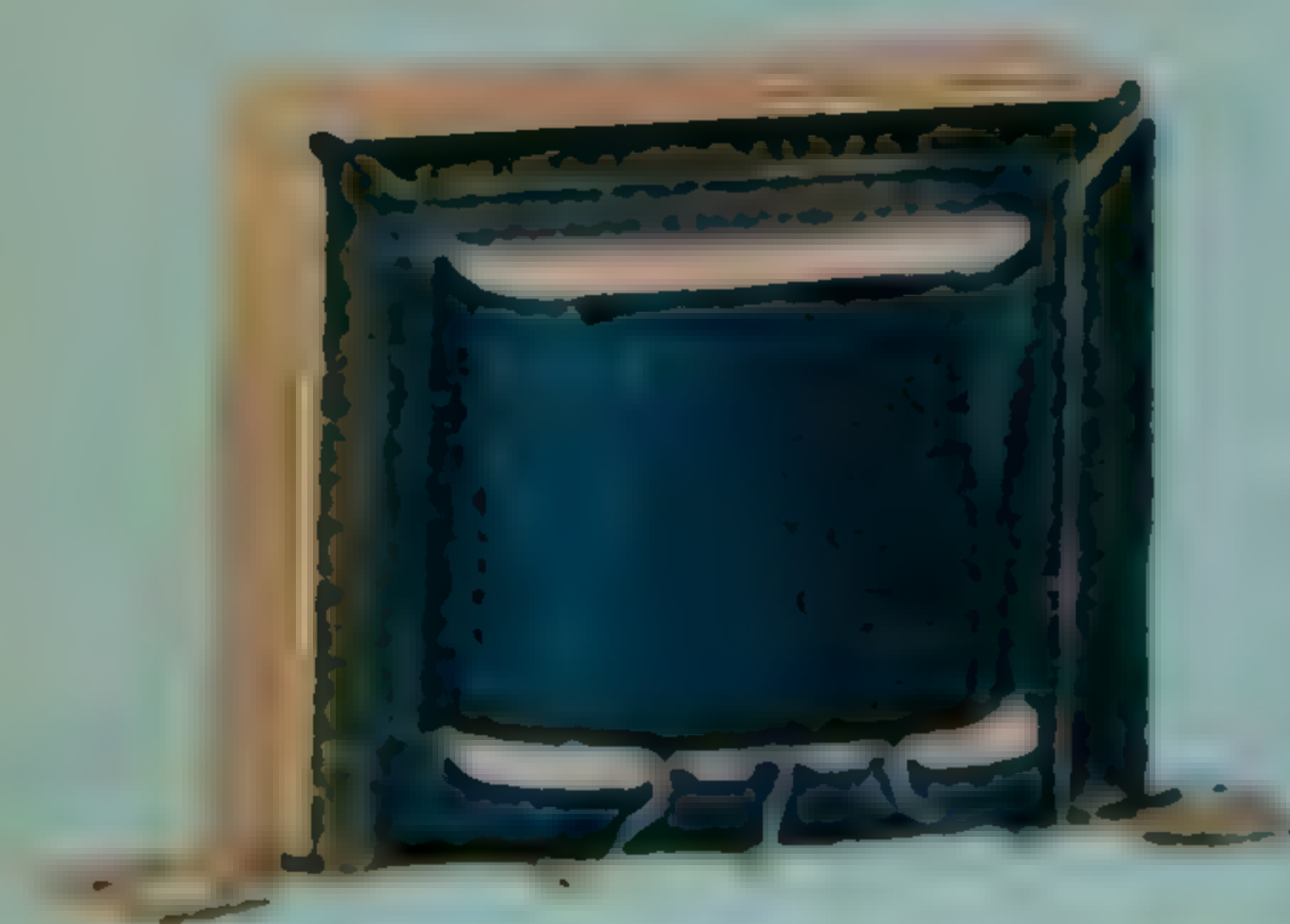


49^c Pocket-Sized

Easy to use—quickly computes answers to Ohm's law problems. Flip-side has scales for parallel resistance calculations. 271-1211 49c

See Page 93 for Information on Large-Quantity Discounts

SHACK® IS YOUR SOURCE OF QUALITY PARTS



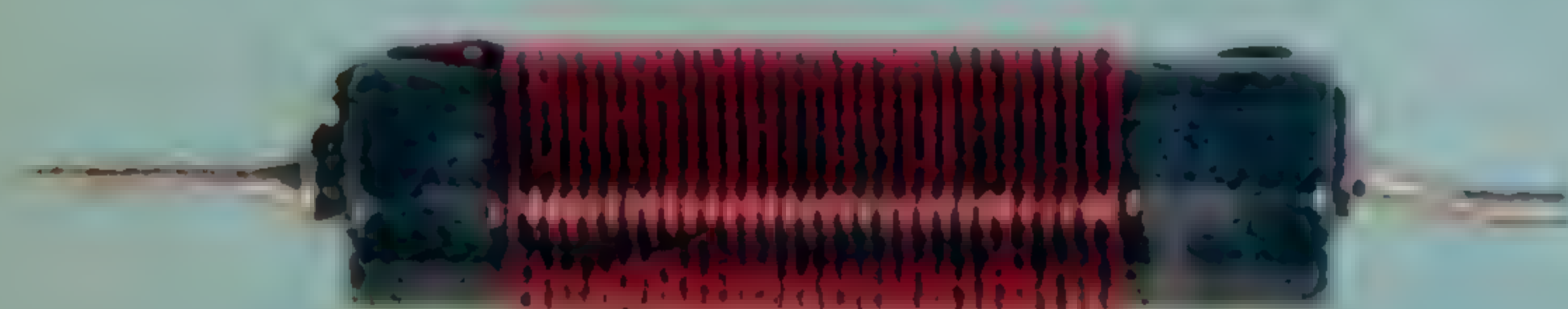
Power Transformers

Twelve popular values for new equipment or replacement use. The miniature types may be PC board mounted. The standard and heavy-duty types have steel frames with lugs for chassis mounting. All primaries are for 120 VAC, 60 Hz.

Type	Volts	Current	Size in Inches	Cat. No.	Each
PC Mini	12.0 CT	120 mA	1 1/4 x 2 1/16 x 1 1/4	273-1360*	2.49
Miniature	6.3	300 mA	2 1/16 x 1 x 1 3/16	273-1384	2.59
Miniature	12.6	300 mA	2 1/16 x 1 x 1 3/16	273-1385	2.79
Miniature	25.2	300 mA	2 3/8 x 1 1/8 x 1 3/8	273-1386	3.49
Miniature	12.6 CT	450 mA	1 7/16 x 2 3/8 x 1 1/2	273-1365	3.59
Miniature	25.2 CT	450 mA	1 11/16 x 2 15/16 x 1 1/16	273-1366	3.99
Standard	6.3	1.2 A	1 11/16 x 2 1/2 x 1 7/8	273-1351*	3.99
Standard	12.6 CT	1.2 A	1 11/16 x 2 1/2 x 1 7/8	273-1352*	4.99
Standard	25.2	1.2 A	2 x 3 1/4 x 2 1/4	273-1353*	5.99
Heavy-Duty	12.6 CT	3.0 A	2 3/4 x 2 1/4 x 2	273-1511	5.99
Heavy-Duty	25.2 CT	2.0 A	2 3/4 x 2 1/4 x 2	273-1512	6.29
Heavy-Duty	18.0 CT	2.0 A	2 3/4 x 2 1/4 x 2	273-1515	6.99

CT = Center Tap. * = NEW for '85

RF Chokes



Low As **79¢**

Useful for RF filtering, bypass and peaking. Low-loss forms, long leads.

10 μ H. 1.5 amps. 273-101 79¢
100 μ H. 2.0 amps. 273-102 99¢

AC Line Filter

NEW '85 **7.95**



Rated 250 VAC at 5 Amps, 50/60 Hz

Keeps RF interference from being conducted into equipment (or from equipment) through the power line. Ideal for computers. 2 3/8" mounting centers. U.L. recognized. 273-103 7.95

Inductor Assortment

NEW '85 **1.98**



What a bargain! This 30-piece assortment includes RF, IF and video peaking coils, various small chokes and transformers. For projects and repairs. 273-1601 1.98

Transformers

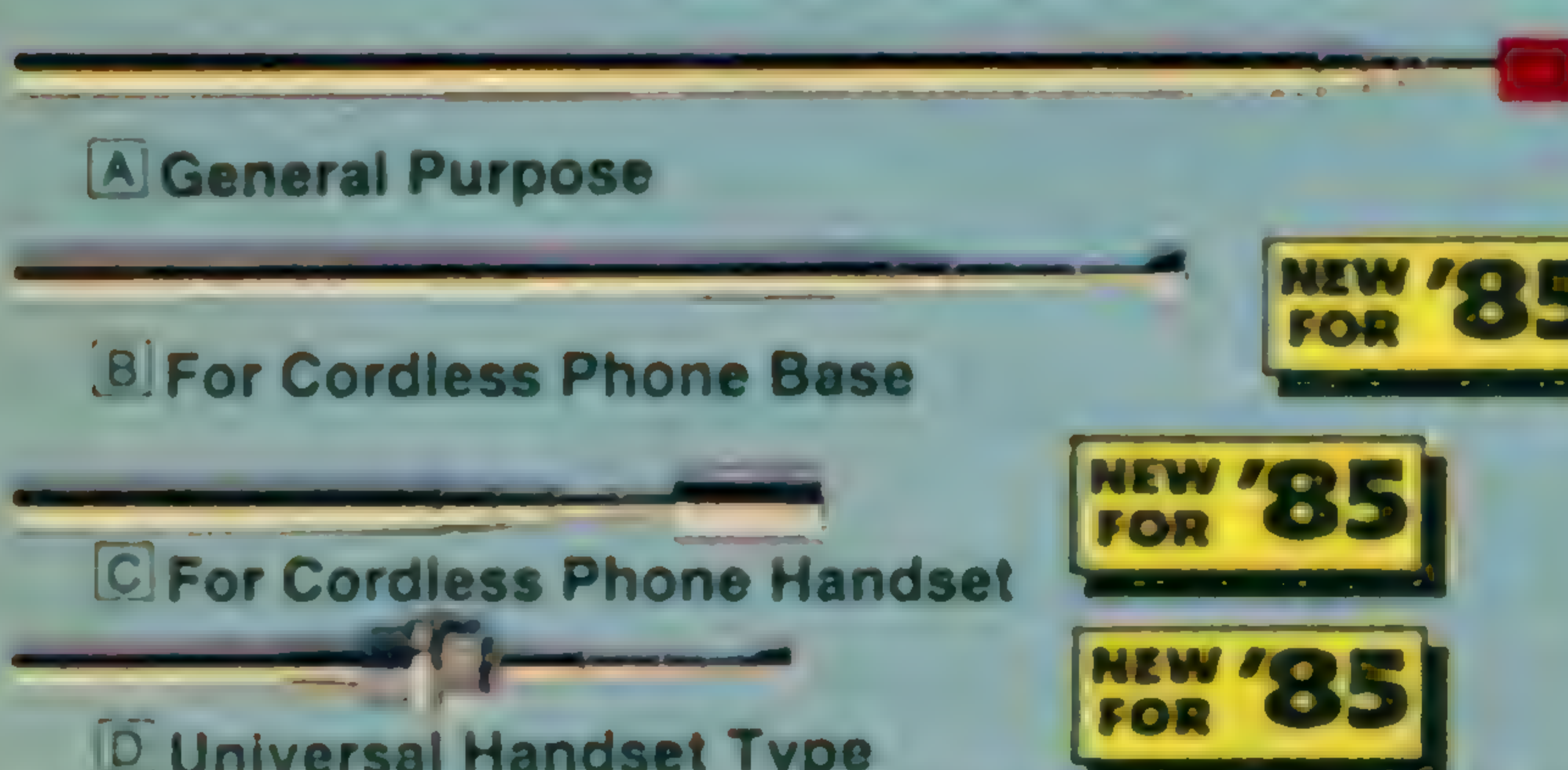
For Audio

NEW '85 Low As **1.29**



Audio Output. 1000-ohm center-tapped primary. 8-ohm secondary. 3/4 x 5/8 x 5/8". 273-1380 1.29
Isolation. NEW! (Shown). 1:1 ratio. For telephone projects, interstage coupling and more. 600 to 900 ohms impedance. 100 megohm isolation at 250 VDC. 273-1375 2.49

Replacement Antennas



[A] General Purpose

[B] For Cordless Phone Base

[C] For Cordless Phone Handset

[D] Universal Handset Type

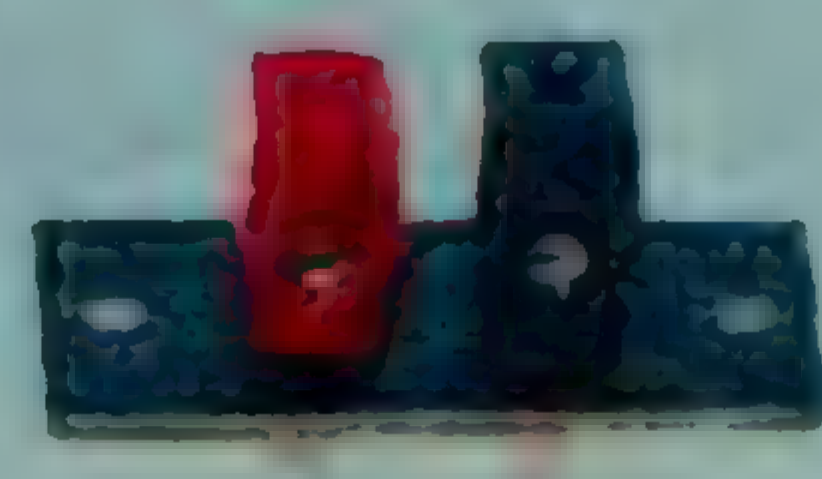
Restore original range and performance to electronic equipment.

Fig.	Sections	Extends to	Cat. No.	Each
A	5	30 1/2"	270-1401	2.99
A	4	34 3/16"	270-1402	3.29
A	3	39 3/8"	270-1403	3.49
B	5	30 1/2"	270-1405	2.99
C	5	15 1/4"	270-1406	2.49
D	5	13"	270-1407	2.49

Pushbutton Terminals



For Hookups That Don't Let You Down



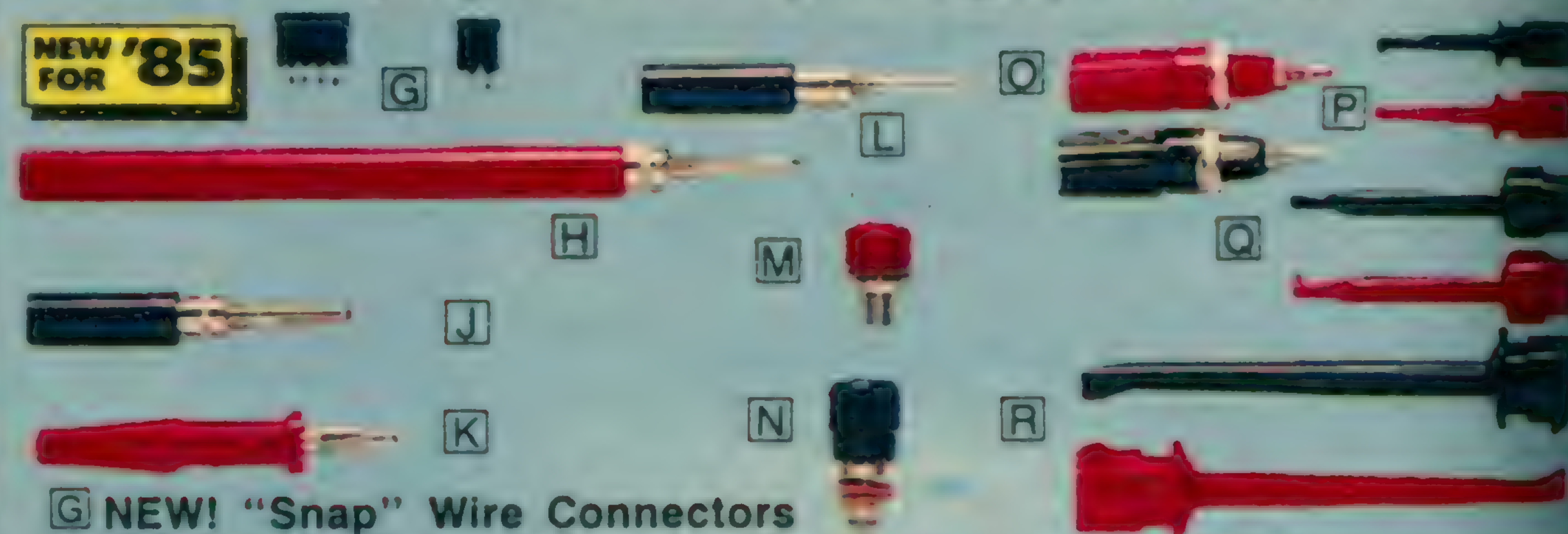
[E] Eight-Position. Spring-action lever release for quick hookup and positive contact. Molded board with mounting holes 1 3/16" apart. 274-623 2.69

Four-Position Version of Above. Mounting holes 2 3/8" apart. 274-622 1.69

Two-Position Version of Above. Mounting holes 1 5/8" apart. 274-621 1.19

[F] Two-Position Push Terminals. Spring-action insertion/release. 2 1/8 x 3/4" board, mounting holes 1 3/8" apart. 274-315 99¢

Test Clips, Probes, Plugs, Jacks, Posts



[G] NEW! "Snap" Wire Connectors for PC Boards. Solder to boards with IC-spaced holes to provide a secure attachment for wires. Lift housing, insert wire, then close for firm, reliable contact. Includes two 2-position, two 4-position connectors. For permanent or temporary hookups. 276-1389 Pkg. of 4/1.19

[H] 5" Solderless Test Prods. 1/2"-long tip fits standard phone tip jacks. 1 red, 1 black. 274-720 Pkg. of 2/1.29

[J] Solderless Banana Plugs. Insulated, fit standard banana jacks. Knurled collar. 2" long. 1 red, 1 black. 274-721 Pkg. of 2/99¢

[K] Flexible Banana Plugs. As above, with flexible insulation, strain relief. Solder type. 1 red, 1 black. 274-730 Pkg. of 2/99¢

[L] Solderless Phone Tips. Fit standard phone tip jacks. Knurled collar. 2 1/8" long. 1 red, 1 black. 274-723 Pkg. of 2/99¢

[M] Banana Jacks. Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. 1 red, 1 black. 274-725 Pkg. of 2/89¢

[N] Insulated Binding Posts. Versatile—they accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. 2 red, 2 black. 274-661 Pkg. of 4/1.68

[Q] Nylon Binding Posts. Insulated. For 3/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. 1 red, 1 black. 274-662 Pkg. of 2/1.38

[P] Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 1 1/2" long. Solder type. 1 red, 1 black. 270-370 Pkg. of 2/1.38

[Q] Mini Test Clips. As above, but 2 1/2" long. 1 red, 1 black. 270-372 Pkg. of 2/1.48

[R] Extra-Length Test Clips. As above, but 3 1/2" long. 1 red, 1 black. 270-352 Pkg. of 2/1.58

[S] 2" Slim Clips. All steel with screw terminals. 270-346 Pkg. of 10/1.59

[T] Claw Clips. Rated 5 amps. 1 5/8" long, open to 5/16". Screw terminals. 270-345 Pkg. of 8/1.49

[U] Mini Clips. Rated 1 amp, 1 1/4" long, open to 3/16". Solder type. 270-380 Pkg. of 12/1.19

[V] All-Purpose Micro Clips. Copper-plated, non-serrated ends. 1 1/8" long, open to 1/4". 270-373 Pkg. of 10/99¢

Non-Insulated Alligator Clips



Insulated Clips



[W] NEW! "Jumbo". Ideal for hookups to car battery posts. 3 3/8" long, open to 1 1/8". 1 red, 1 black. Rated 30A. Solder or crimp. 270-343 2/1.59

[X] "Regular" Car Battery. 2 1/4" long, open to 7/8". 1 red, 1 black. Solder or crimp. 270-344 Set of 2/1.19

[Y] Mini. 1 1/4" jaws open to 3/16". Solder type with crimp fins. 3 black, 3 red, 2 green, 2 yellow. 270-378 Set of 10/1.29

[Z] 1 3/8" Mini. Open to 1/4". Screw terminals. 6 black, 6 red. 270-1545 Set of 12/1.89

[AA] Heavy-Duty. Rated 10A. 2 5/8" long, open to 1/2". 2 black, 2 red. Screw terminals. 270-349 Set of 4/1.79

[BB] 2 1/4". Open to 5/16". Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 Set of 10/1.59

[CC] 1-Amp. 1 11/16" long, open to 3/16". Screw terminals. 3 red, 3 black. 270-371 Set of 6/1.89

[DD] 2 1/4". Open to 7/16". Screw terminals. 5 red, 5 black. 270-347 Set of 10/1.59

[EE] Mini Alligator. 1 3/8" long. 5 red, 5 black. 270-374 Set of 10/1.19

[FF] Micro. 1 3/8" long, open to 3/16". Brass-plated steel. Solder type. 5 red, 5 black. 270-1540 Set of 10/1.99

ARCHER® LAMPS, ASSEMBLIES, BATTERY HOLDERS

Long-Life Incandescent Lamps

Low As **69¢**



Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	.79
2.25	250	222*	E-10 Threaded	272-1124	2	.69
2.33	270	PR-4	Flange	272-1122	2	.69
2.38	500	PR-2	Flange	272-1120	2	.69
2.47	300	14	E-10 Threaded	272-1132	2	.79
3.57	500	PR-3	Flange	272-1121	2	.69
4.75	500	PR-13	Flange	272-1151	2	.79
4.8	500	PR-15	Flange	272-1125	2	.69
5.95	500	PR-12	Flange	272-1123	2	.69
6.0	25	—	Leads	272-1140	1	.79
6.0	100	T-1 $\frac{3}{4}$	E-5 Threaded	272-1142	2	.89
6.3	250	44	Bayonet	272-1108	2	.69
6.3	150	47	Bayonet	272-1110	2	.69
6.3	150	1847	Bayonet	272-1115	2	.79
6.3	150	40	E-10 Threaded	272-1128	2	.79
6.3	250	46	E-10 Threaded	272-1130	2	.79
6.3	250	259	Wedge	272-1152	2	.99
7.5	220	51	Bayonet	272-1113	2	.69
7.5	220	50	E-10 Threaded	272-1133	2	.89
8.0	300	T-3	End Cap	272-1136	1	1.19
12.0	15 CP	93+	Bayonet	272-1116	1	.99
12.0	75	T-1 $\frac{3}{4}$	E-5 Threaded	272-1143	2	.89
12.0	25	—	Leads	272-1141	1	.79
12.0	250	T-3	End Cap	272-1137	1	1.19
14.0	270	194	Wedge	272-1126	2	.99
14.0	230	1891	Bayonet	272-1112	2	.69
14.0	200	1815	Bayonet	272-1118	2	.69
14.0	200	1487	Threaded	272-1134	2	.79
14.0	200	52	Threaded	272-1127	2	.99
14.4	120	53	Bayonet	272-1117	2	.69
28.0	40	1819	Bayonet	272-1119	2	.69

* = Pre-Focus Penlight Type. + = High-Intensity

Neon Lamps

*High brightness

Operate from 70 volts and up. Use resistor value from chart for 120 VAC use.

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	1/25	220k	272-1101	.59
NE-2H*	1/4	22k	272-1102	.69

Neon Lamps With Dropping Resistor. NE-2 bulb, ready to use in 120-volt circuits. 1/25 watt. 272-1100 Pkg. of 2/79¢

Colored Mini Lamps

These incandescent bulbs are perfect for use in doll houses, model railroads, hobby projects and more. One red, one yellow and one green. 60 mA current. With 4 $\frac{3}{4}$ " leads.

Voltage	Cat. No.	Pkg. of 3
6	272-1098	.69
12	272-1099	.69

Pkg. of 3

Only **69¢**

Nightlight Bulb

99¢

NEW '85 FOR

7C7, 120 VAC, 7 $\frac{1}{2}$ -watt type used in many nightlights. 272-1153 . . . 99¢

"Bi-Pin" Lamp

99¢

NEW '85 FOR

Replacement bulb for our 275-676 illuminated switch. 12 volts. IC-spaced pins. 272-1154 . . . 99¢

Panel Lamp Holders and Assemblies



Low As **89¢**

Lamp Holders

Require bulbs—select from chart at left.

NEW! Incandescent Lamp Holders. Economical packages of 6. Ideal for adding lamps to meters, dials and projects.

Fig.	For Lamp Base	Cat. No.	Pkg. of 6
A	E-10 Threaded	272-353	.89
B	E-5 (T-1 $\frac{3}{4}$) Threaded	272-354	.89
C	Bayonet	272-355	.89

D Conical Lamp Holders. One red, one blue. For E-5 (T-1 $\frac{3}{4}$) base bulbs. 1 $\frac{3}{16}$ " long, mount in 1/2"-dia. holes. 272-323 . . . Pkg. of 2/1.69

E "Mini" Panel Lamp Holders. One lamp holder with one red and one green lens. Length, 1 $\frac{3}{16}$ ". 5/16" mounting hole.

For E-10 Threaded-Base. 272-324 . . . 1.79

For Bayonet-Base Lamps. 272-325 . . . 1.79

For E-5 Threaded Base (T-1 $\frac{3}{4}$) Lamps. 3/8 x 1 $\frac{1}{16}$ ". 272-326 . . . Pkg. of 2/1.99

F NEW! E-5 Holders. Includes two red and two white lenses. Require 3/8" mounting holes. 272-340 . . . Pkg. of 2/1.39

Lamp Assemblies—Include Bulbs

G NEW! 6-Volt Lamp Assemblies. Two red and two yellow lenses (total of four), and two snap-in bases for 5/16" mounting holes. Solder terminals. 272-341 . . . Pkg. of 2/1.49

H High-Brightness 12V Lamp Assemblies. Include bulbs. One red, one green. Solder terminals. Require 9/32" mounting hole (metal panel suggested). 272-331 . . . Pkg. of 2/1.69

J "Micro" 12V Lamp Assemblies. One red, one green. With leads. 12V at 60 mA. Require 7/32" mounting holes, metal panel recommended. 272-334 . . . Pkg. of 2/1.69

K 12V Snap-In Lamp Assemblies. One red, one green. Mounting tabs for 1/2"-diameter hole. 4" leads. 272-332 . . . Pkg. of 2/1.89
As Above, But With One Amber, One Blue Lens. 272-335 . . . Pkg. of 2/1.89

Neon Lamp Assemblies

Each has prewired dropping resistor. Ready to use in 120 VAC circuits.

L "Jumbo" Red Neon Lamp Assembly. A pilot light that can't be overlooked. Requires 5/8"-diameter mounting hole. 272-710 . . . 1.99

M Neon Panel Lamp Assemblies. One green, one amber. 9/32"-diameter mounting holes. With 3" leads. 272-707 . . . Pkg. of 2/1.99

N Neon Panel Lamp Assemblies. One red, one yellow in classy chrome holders. 3/8 x 1 $\frac{1}{2}$ ". Require 5/16" mounting holes.

272-703 . . . Pkg. of 2/2.19

O Neon Panel Lamp Assemblies. One red, one green. With leads. Fit 5/16" mounting hole. 272-708 . . . Pkg. of 2/1.99

Neon Panel Lamp Assemblies. Set of two: one red, one yellow. For 7/16 mounting holes.

P Square Lens. 272-704 . . . Pkg. of 2/1.79

Q Round Lens. 272-705 . . . Pkg. of 2/1.79

Battery Holders

Low As **39¢**

Series wiring. Have color-coded output leads, except +, which have snap connector that mates with 270-325, below.

Holds	Cat. No.	Each	Holds	Cat. No.	Each
2 "AAA"	270-398	.49	2 "D"	270-386	1.19
2 "AA"	270-382+	.79	4 "D"	270-396	1.29
4 "AA"	270-383+	.89	4 "D"	270-389	1.29
4 "AA"	270-391	.89	1 "AAA"	270-404	.39
4 "AA"	270-397	1.79	1 "N"	270-405	.39
8 "AA"	270-387+	1.19	1 "AA"	270-401	.39
2 "C"	270-385	.99	1 "C"	270-402	.49
4 "C"	270-390	1.19	1 "D"	270-403	.59
6 "C"	270-399+	1.29	—	—	—

9V Battery Snaps

Pkg. of 5 **99¢**

For projects, replacement or use with battery holders, above. 270-325 . . . 5/99¢

9V Battery Holders

Pkg. of 2 **59¢**

Tame "wild" rectangular batteries! Mounts with screw or glue. 270-326 . . . 2/59¢

270-404

270-397

270-405

NEW '85 FOR

270-398

Now Over 6700 Radio Shack Stores and Dealers in the USA—We're Near You

MORE GREAT SHACK® VALUES FOR BUILDERS

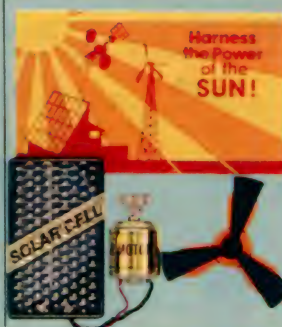
Radio Control Modules



16⁹⁵ Set

Ideal for wireless control of toys, models, novelty items and more. Prewired, require just a few low-cost components to make a complete system. Includes an illustrated booklet that shows you the easy hookup and the parts required. The receiver will control two DC motors directly. Four functions: forward, forward with right turn, forward with left turn and reverse. Crystal-controlled transmitter 31¹/₁₆ x 1 x 7¹/₁₆". Receiver, 1⁵/₈ x 3 x 3¹/₄". Operate on 27.145 MHz radio control channel. Transmitter: 9 VDC. Receiver: 9 VDC and 3 VDC.
277-1012 Set, 16.95

Solar Energy Project Set



9⁹⁵

Ideal for Models

A silicon solar cell pre-wired to a precision DC motor. Perfect for building model windmills, boats, science fair projects. With color wheels, mini propeller, project booklet.
277-1201 ... 9.95

Efficient Silicon Solar Cell

3⁹⁵



■ High Output in a Small Size
■ Manufacturer's Prime—Not Surplus

This 2.5 x 5 cm (1 x 2") cell produces approximately 0.2 amp at 0.42 volt DC in full sun. It's ideal for science projects. Build a panel using these cells to charge batteries or power small devices directly. Rectangular shape reduces wasted space when used in a solar panel.
276-124 3.95

Quality TV RF Modulator Module

9⁹⁵

Ideal for Use With Computers Video Games, TV Adapters And Projects



UM1285. This miniature, prewired and prealigned TV transmitter accepts line-level color or black and white video and sound. It delivers a very high quality 75-ohm TV signal on VHF channel 3 or 4 through a phono jack. Approx. 2¹³/₁₆ x 1⁹/₁₆ x 1⁹/₁₆". Requires 6 VDC, a few low-cost components and a shielded enclosure for a complete system. With data. 277-221 9.95

Our Low-Cost Testers Help You Find the Problem



A High-Voltage AC/DC Quick Tester. 90 to 500 volts. Perfect for quick checks on house wiring, electrical and electronic devices. Neon bulb indicates live circuit. Handy pocket clip. 272-201 1.09
B Low-Voltage AC/DC Quick Tester. 5 to 50 volts. Ideal for checking automotive wiring and battery-operated devices. LED glows on live circuit and indicates DC polarity. 272-202 1.49



C Continuity Tester. Doubles as a light-duty screwdriver. Helps spot broken wiring, burned out bulbs Cord has small clip. Replaceable #222 bulb. Requires "AAA" battery. Not for use in live circuits. 22-4035 ... 4.99
D Three-Wire Outlet Analyzer. A must for handymen, power tool users and musicians. Plug it in before using tools, appliances, amplifiers. Readout warns if a 3-wire 120 VAC outlet is miswired. 22-101 5.95

Our Big Selection of High-Quality Relays for Your Projects

Micro-Mini SPDT, 5 VDC Coil



1⁹⁹

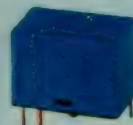
Just 1¹/₃₂ x 3⁹/₈ x 1¹/₄", ideal for crowded PC boards. Contacts rated 1 amp at 125 VAC. 55-ohm, 90 milliamp coil. .100" pin spacing. 275-240 1.99

ACTUAL SIZE

SPDT DIP Relay, 5 VDC Coil

2⁴⁹

Fits 14-pin DIP socket or mounts on PC boards with .100" hole centers. Contacts: 2 amps at 125 VAC. 5 VDC, 72 mA, 70-ohm coil. 275-243 2.49



3⁹/₈ x 9¹/₁₆ x 3⁹/₈"

Mini SPDTs With 3-Amp Contacts

2⁹⁹ Each

For limited-space projects. Contacts: 3 amps at 125 VAC. 5VDC coil, 70 ohms, 72 mA. 275-246 2.99
12 VDC Coil. 275-247 ... 2.99



9¹/₁₆ x 25³/₃₂ x 9¹/₁₆"



Submini DPDT DIP Relays

Fit 16-Pin DIP Sockets Or Mount on PC Boards

5 VDC Coil. Contacts: 1 amp at 125 VAC. Coil: 100 mA, 50 ohms. 7¹/₁₆ x 25³/₃₂ x 3⁹/₈". 275-215 3.99
12 VDC Coil. 275-213 ... 3.99

3⁹⁹ Each

Mini SPDT Relays

2⁹⁹ Each

6-9 VDC, 500-Ohm Coil. Typical drain 12 mA—ideal for battery-powered circuits. Contacts: 1 amp at 125 VAC. 1 x 1¹/₁₆ x 3⁹/₈". 275-004 ... 2.99
12 VDC Coil. 275-003 ... 2.99



Wire Leads

Ultra-Compact SPST Reed Relays



NEW '85

1⁴⁹ Each

Approximately 1" x 5¹/₁₆". Pins for PC board mounting. Contacts rated 1 amp at 125 VAC. Low-current coils. 5 VDC Coil. 275-232 1.49
12 VDC Coil. 275-233 1.49



Miniature DPDT With 12 VDC Coil

4⁴⁹ Socket Included

Contacts: 3 amps at 125 VAC. Coil: 75 mA, 160 ohms. Transparent case, 1¹/₄ x 1 x 3⁹/₈". Chassis or PC-mount socket has clips for relay. 275-206 4.49

Miniature 4PDT Relay

Contacts Rated 3 Amps at 125 VAC

4⁶⁹

Switches up to four circuits! For PC or socket mounting. 12 VDC, 75 mA, 160-ohm coil. 1⁹/₈ x 1¹/₈ x 1³/₁₆". 275-214 4.69
Socket. 275-221 1.49



10-Amp DPDT Relays

Contacts Rated 10 Amps at 125 VAC

5⁴⁹ Each

For plug-in use or soldering. 1⁵/₈ x 1 x 3⁹/₈". 12 VDC, 160-Ohm Coil. 275-218 5.49
120 VAC, 4500-Ohm Coil. 275-217 5.49
10-Amp Socket. 275-220 ... 1.49



ARCHER® SWITCHES FOR PROJECTS AND REPAIRS



NEW FOR '85

A Heavy-Duty DPDT Center Off. 10 amps at 125 VAC. Screw terminals. With on/off label plate. Body: $\frac{3}{4}$ x $1\frac{3}{8}$ x $1\frac{3}{8}$ " Requires $\frac{7}{16}$ " mounting hole. 275-1533 1.79

B Standard Toggles. 3 amps at 125 VAC. With on/off label plates. Body: $1\frac{1}{2}$ x $\frac{9}{16}$ x $1\frac{1}{2}$ " Requires $\frac{7}{16}$ " mounting holes.

SPST. 275-602 99¢
DPDT. 275-666 1.29
Set. One DPDT, 2 SPST. 275-322 2.49

C Submini Toggles. 3 amps at 125 VAC. Body: $\frac{3}{8}$ x $\frac{1}{4}$ x $\frac{3}{8}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-612 1.59
SPDT. 275-613 1.69
DPDT. 275-614 1.99
DPDT Center-Off. 275-620 2.19

D SPDT Mini-Toggle. 5 amps at 125 VAC. Body: $\frac{3}{8}$ x $\frac{3}{8}$ " Requires $\frac{7}{16}$ " mounting hole. 275-603 1.49

E $\frac{3}{4}$ " Brushed Aluminum Baton. 3 amps at 125 VAC. Flush mount. $1\frac{5}{16}$ x $\frac{5}{8}$ x $\frac{9}{16}$ " SPST. 275-630 1.49
DPDT. 275-607 1.79

F Heavy-Duty With $1\frac{1}{2}$ x $\frac{3}{8}$ " Lever. 6 amps at 250 VAC. $1\frac{9}{16}$ x $\frac{5}{8}$ x $\frac{7}{16}$ " mounting holes. SPST. 275-651 1.99

SPDT. 275-654 2.19
DPDT. 275-652 2.39
DPDT Center-Off. 275-653 2.49

G 20-AMP Lever Switches. 20 amps at 12 VDC. Accept quick-disconnect spades. Body: $2\frac{15}{16}$ x $1\frac{1}{2}$ x $\frac{7}{16}$ " mounting hole.

SPST. 275-708 1.79
DPDT Center-Off. 275-710 2.29
DPDT. Momentary, with spring return to center off. 275-709 2.69

H Automotive SPST. 5 amps at 12 VDC. $\frac{7}{16}$ " mounting hole. 275-701 1.19

I Mini Toggles. 6 amps at 125 VAC. Body: $1\frac{3}{8}$ x $\frac{1}{2}$ x $\frac{1}{2}$ " $\frac{1}{4}$ " mounting hole.

SPDT. 275-662 2.49
DPDT. 275-663 2.79
DPDT Center-Off. 275-664 2.99
SPDT. 275-661 3.39

K Submini Toggles. 10 amps at 125 VAC. Each includes four colored handle covers. $\frac{1}{2}$ x $\frac{7}{16}$ x $\frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-324 1.89
SPDT. 275-326 1.99
SPDT Center-Off. 275-325 2.19
DPDT. 275-1546 2.39
DPDT Center-Off. 275-1545 2.59

L Rocker Switches. 6 amps at 125 VAC. $\frac{3}{16}$ x $\frac{3}{4}$ x $1\frac{3}{8}$ " $\frac{3}{4}$ " mounting holes.

SPST. 275-690 1.89
DPDT. 275-691 2.49

M SPDT Momentary. 6 amps at 125 VAC. Spring return to one position. Body: $1\frac{5}{16}$ x $\frac{1}{2}$ x $\frac{9}{16}$ " $\frac{1}{4}$ " mounting hole.

275-619 1.59

N Submini PC-Mount Toggles. 0.3 amp at 125 VAC. Body: $\frac{3}{8}$ x $\frac{3}{8}$ x $\frac{1}{4}$ "

SPST. 275-645 1.49
DPDT. 275-647 1.89

O Micromini Toggles. 3 amps at 125 VAC. Body: $\frac{1}{4}$ x $\frac{5}{16}$ x $\frac{3}{16}$ "

SPST. 275-624 1.49
SPDT. 275-625 1.59
DPDT. 275-626 1.89

P Flatted Lever Switches. 6 amps at 125 VAC. Body: $\frac{3}{8}$ x $\frac{7}{16}$ x $\frac{1}{4}$ " $\frac{1}{4}$ " mounting holes.

SPDT. 275-635 2.39
DPDT. 275-636 2.69
DPDT Momentary. Spring return to center off. 275-637 2.89

Q

Illuminated Switches



R 12-Volt SPST Toggle. Handle lights when on. 3 amps, 12 VDC only. $1\frac{3}{8}$ x $1\frac{1}{4}$ x $\frac{5}{8}$ " $\frac{7}{16}$ " mtg. hole. 275-706 1.99

S 120 VAC SPDT Push-On/Push-Off. Contacts rated 3 amps at 120 VAC. Built-in lamp requires 12 volts, AC or DC. Mounts in $\frac{1}{2}$ " diameter hole. $1\frac{3}{4}$ x $\frac{9}{16}$ x $\frac{9}{16}$ " 275-676 4.95
Replacement Bulb. 272-1154 99¢

T 120 VAC SPST Push-On/Push-Off. Button lights when on. 10 amps, 100-125 VAC only. $\frac{7}{16}$ " mounting hole. 275-671 3.49

U SPST Toggle With LED Indicator. 5 amps, 12 VDC use only. $\frac{3}{4}$ x $\frac{3}{4}$ x $\frac{1}{2}$ " $\frac{7}{16}$ " mounting hole. 275-680 2.59

Momentary and Push-On / Push-Off Switches



V Mini SPDT Momentary. 3 amps at 125 VAC. $1\frac{7}{16}$ x $\frac{7}{16}$ x $\frac{7}{16}$ " $\frac{1}{4}$ " mounting hole. Solder lugs. 275-1549 2.19

W Mini SPST Momentary Contact. 0.5 amp at 125 VAC. $\frac{3}{8}$ " button. $\frac{1}{4}$ " mtg. holes. Normally Open. 275-1547 Pkg. of 5/2.49
Normally Closed. 275-1548 Pkg. of 5/2.69

X Standard SPST Push-On/Push-Off. 3 amps at 250 VAC. $\frac{1}{2}$ " mounting hole. 275-011 1.29

Y Momentary. Normally open. One black and one red. 275-609 Set of 2/1.69

Z Square SPST Push-On/Push-Off. 3 amps at 250 VAC. $1\frac{1}{2}$ x $\frac{1}{2}$ x $\frac{1}{2}$ " Requires $\frac{1}{2}$ " mounting hole.

275-617 1.59
Square SPST Momentary. Normally open. Black. 275-618 1.49

AA Rectangular "Soft-Feel" Push-On/Push-Off. 3 amps at 125 VAC. $1\frac{1}{2}$ x $\frac{3}{4}$ x $\frac{9}{16}$ " $\frac{3}{8}$ " mounting hole.

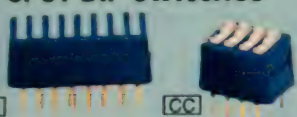
SPST. 275-1565 1.29
SPST Momentary. 275-1566 1.19

BB Miniature SPDT Push-On/Push-Off. 3 amps at 125 VAC. $\frac{3}{4}$ x $\frac{3}{8}$ x $\frac{3}{8}$ " $\frac{5}{16}$ " mounting hole.

275-1555 1.79

CC Submini SPST Momentary. 0.5 amp at 125 VAC. Normally open. $1\frac{1}{2}$ x $\frac{1}{4}$ " One red, one black. $\frac{3}{8}$ " mounting hole. 275-1571 1.59

SPST DIP Switches



For digital or low current use. Mount in DIP sockets or on PC boards. Style may vary.

BB 8-Position. Fits 16-pin DIP socket. 275-1301 1.99

CC 4-Position. Fits 8-pin DIP socket. 275-1304 1.49

Slide Switches



Heavy-Duty. 3 amps at 125 VAC. Solder terminals. $1\frac{1}{2}$ x $1\frac{3}{8}$ x $\frac{5}{8}$ " Packages of two.

SPST. 275-401 Pkg. of 2/89¢
DPDT. 275-403 Pkg. of 2/99¢

Slide Switch Kit. 0.5 amp at 125 VAC. One each: SPDT, DPST, DPDT, three SPST. $\frac{1}{2}$ x $\frac{7}{8}$ x $1\frac{1}{4}$ " 275-327 Set of 6/1.79

Lever Switches



Submini With $\frac{3}{4}$ " Roller Lever. Operating force: 50 grams. 5 amps at 250 VAC. $\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{3}{8}$ " 275-017 1.29

Submini With $\frac{3}{4}$ " Lever. Operating force: 45 grams. 5 amps at 250 VAC. $\frac{3}{4}$ x $\frac{1}{4}$ x $\frac{3}{8}$ " Solder lugs. 275-016 1.19

Rotary Switches



0.3 Amp at 125 VAC

2-Pole, 6-Position. Single deck, non-shorting type. $\frac{1}{4}$ "-diameter shaft. 275-1386 1.19

1-Pole, 12-Position. Shorting type. $\frac{1}{4}$ "-diameter shaft, $1\frac{9}{16}$ " long. 275-1385 1.19

Mercury Switch



Heavy-Duty. Rated 5 amps at 125 VAC. Ideal for hobby projects and school science demonstrations. Useful in "tilt" or motion detector alarms. Style may vary. 275-027 1.19

Submini Slide Switches



With Mounting Screws

Rated 0.3 amp at 125 VAC. $\frac{5}{8}$ x $\frac{1}{4}$ x $\frac{1}{4}$ "

SPST. 275-406 Pkg. of 2/69¢
DPDT. 275-407 Pkg. of 2/79¢

Bracket, Label Plates



Auto Switch Bracket. For underdash mounting. Accepts two switches with $\frac{7}{16}$ " diameter bushings. 275-705 69¢

On/Off Switch Label Plates. For toggles with $\frac{15}{32}$ " diameter bushings and key slot. 275-320 Pkg. of 6/69¢

DPDT Knife Switch

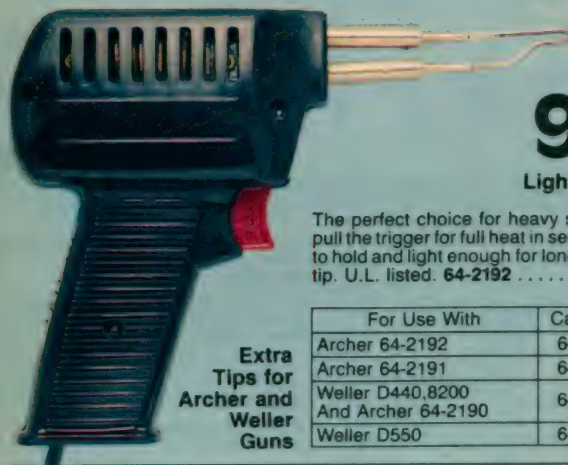


Ideal for Projects, Antenna Switching, Reversing Polarity

Plated spring contacts rated 0.5 amp at 250 VAC. Plastic handle, screw terminals. $1\frac{5}{8}$ x $2\frac{3}{8}$ x $\frac{3}{4}$ " 275-1537 99¢

SOLDERING TOOLS FOR THE BEST CONNECTIONS

Rugged 75-Watt Soldering Gun



NEW '85

9⁹⁵

Lightweight

The perfect choice for heavy soldering jobs. Just pull the trigger for full heat in seconds. Comfortable to hold and light enough for long jobs. Replaceable tip. U.L. listed. 64-2192 9.95

Extra
Tips for
Archer and
Weller
Guns

For Use With	Cat. No.	Pkg. of 2
Archer 64-2192	64-239	1.69
Archer 64-2191	64-238	1.69
Weller D440, 8200 And Archer 64-2190	64-237	1.69
Weller D550	64-234	1.69

Design Your Own Soldering Iron

Quick 'n Easy
Thread-On Tips

Everything you need for a complete soldering workshop. Interchangeable heating elements, tips and comfortable "Cool-Grip" handle give you professional results. Heating elements and handle U.L. listed.

Description	Watts	Cat. No.	Each
Cool-Grip Handle 600-650°F Heating Unit	27	64-2080	5.49
750-800°F Heating Unit	33	64-2082	7.49
Light, Med., Heavy Duty-Tips (Pkg. of 3)		64-2084	3.79
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)		64-2089	4.49



2 Long
Life Tips

4⁴⁹

Cool-Grip
Handle

5⁴⁹

3 Copper
Tips

3⁷⁹

4⁹⁹ 27-Watt Element

7⁴⁹ 33-Watt Element

Switchable Dual-Heat Soldering Iron



6⁹⁵



Handle-Mounted
Wattage Switch

This versatile tool has a convenient switch allowing you to select 15 or 30 watts—depending on size of job—no need to change the iron. Sculptured handle for hours of comfortable soldering. 8 1/4" long. U.L. listed. 64-2055 6.95
Replaceable Tip. Rated up to 30 watts. 64-2065 89¢

"One-Hand" Electric Desoldering Iron



6⁹⁵

Make Repairs
Quickly and
Cleanly

The easy way to remove or replace old electronic parts from circuit boards. With handle, bulb, desoldering unit and tip, 5-foot cord. Rated 45 watts. U.L. listed. 64-2060 ... 6.95
Replacement Tip. 64-2061 69¢

Soldering Irons and Gun

Low
As **3⁴⁹**

- A 25-Watt Pencil Iron. Insulated. 5/32" screw in tip. 600-640°F. With stand. 64-2070 4.95
Replacement Tip. 64-2073 99¢
- B 40-Watt Pencil Iron. As above, but with 1/4" tip. 64-2071 5.95
Replacement Tip. 64-2072 1.19
- C 30-Watt Pencil Iron. Lightweight. 7" long. 64-2067 3.49
Replacement Tip. 64-2065 89¢
- D "Cool-Grip" 30-Watt Soldering Gun. 64-2086 3.99
Replacement Tip. 64-2065 89¢

All U.L. listed



Science Fair® 10-Piece Electronic Tool Set



14⁹⁵

Everything for assembling electronic kits and other light to medium-duty work. 30-watt U.L. listed soldering pencil with stand, solder, soldering aid, needle-nose pliers, diagonal cutter, heat sink, three screw-drivers. 64-2801 14.95

Beginners 5-Piece Soldering Set



With Soldering
Instructions **4⁹⁵**

Everything you need for basic soldering. Includes 30-watt U.L. listed pencil soldering iron, soldering iron stand, coil of solder, heat sink and soldering aid. 64-2802 4.95

Pocket-Size Twin-Gas Brazing Torch



25⁹⁵

- Pin-Pointable Flame
- Heats Up to 5000°F (2750°)

Self-contained unit has one butane and two safety-sealed micronox cylinders, tips for brazing and silver-soldering. 5 1/2 x 2 x 1 1/4". 64-2165 25.95

Butane Cylinders.
64-2166 Pkg. 2/3.29
Micronox Cylinders.
64-2167 Pkg. 2/2.59

Miniature Butane Torch



10⁹⁵

- Completely Self-Contained
- Up to 2500°F (1370°C)

Small enough to fit in a pocket or tool box yet rugged enough for many jobs. Unit features precise and controlled high-temperature flame. Cylinder lasts up to 60 minutes. With refill. 64-2164 10.95
Replacement Cylinders.
64-2166 Pkg. 2/3.29

Prices Apply at Participating Radio Shack Stores and Dealers

SOLDERING ACCESSORIES FOR A COMPLETE SHOP

Rosin Core Electronic Solder

Low As
89¢

Standard,
Light or
Special PC

Meets QQ-571E Federal Requirements

Package Size	Size	Use	Cat. No.	Each
5-oz. Handy Pak	.062	Standard	64-001	.89
1.5-oz. Spool	.062	Standard	64-002	1.39
4-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
1/2-lb. Spool	.062	Standard	64-007	5.89



Vacuum Desoldering Tools

A
8⁷⁹



B
4⁹⁵ Easy One-Hand Operation

A Molded. Spring-loaded design. Just set the plunger and you're ready for instant, powerful desoldering—even on extra-large solder connections.

64-2085 8.79

B Aluminum. Sturdy aluminum housing with non-stick tip and side-mounted trigger button. Disassembles easily for cleaning. 7 3/4" long. 64-2098 ... 4.95

Vacuum-Base Hobby Vises

C
2⁹⁹



D
4⁹⁵



Handy Portable Sizes

C Mini. Holds parts during on-the-spot soldering, glueing and drilling. Mounts instantly to smooth, non-porous surfaces. 2 3/4 x 2 3/8 x 2 3/8". 64-2094 2.99

D Hobby. 50% larger than above. 3 1/2 x 3 1/2 x 3 1/4". 64-2095 4.95

6" Locking Forceps



4⁹⁵ Stainless Steel

NEW '85
FOR

Perfect for temporary heat sink and picking up parts. Three-position lock, curved serrated tip. Box joint construction. 64-1866 4.95

Handy Nibbling Tool



Easy-to-use hand-held sheet metal cutter. Cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. 64-823 9.49

"Helping Hands"



6⁹⁵

Extra Pair of Hands for Glueing, Soldering, Painting

Six ball joints and two nickel-plated alligator-type clamps adjust to hold work in any position. Solid cast-iron base. 64-2093 6.95

Locking Long Nose



4⁴⁹

Doubles as a Wrench

A must for every tool box! Cut wire, pull cotter pins, hold small parts—unlimited uses! 7" long. 64-1864 4.49

Mini Drill

2⁹⁹



With 2 Extra Drill Bits In Handle

Perfect for working on printed circuit boards and other light material. Rugged, lightweight molded design, 3 1/4" long. 64-2097 ... 2.99

Mini "C" Clamp Set

2⁴⁹
Set Of 3



Ideal for Precision Jobs

Hold parts together while glueing, soldering, drilling. Three sizes of openings—3/4", 1", 1 7/8". Sturdy die-cast metal. 64-2096 Set of 3/2.49

Precision Knife Set



3⁶⁹

Ten interchangeable multi-purpose steel blades for delicate cutting operations.

64-1801 3.69

Utility Knife



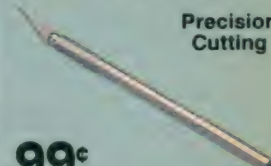
1⁹⁹

Blades Store in Handle

Perfect for cutting, scoring or trimming. Blade locks in four positions. Mini size, only 2 5/8" long. 64-1852 1.99

Hobby Knife

Precision Cutting



99¢

Invaluable tool for artists, hobbyists and craftsmen. Surgically sharp steel blade. Metal handle. 64-1805 99¢

Solder Iron Holder And Cleaner

5⁷⁹



Coil holds iron safely, sponge pad keeps iron tip clean. 64-2078 5.79

Desoldering Braid



1⁴⁹

The easy way to repair circuits. Use with soldering iron. 5-ft. roll. 64-2090 1.49

Pre-Cut Tape Solder



1³⁹

Solder With A Match

Wrap around twisted wires, heat with flame. 100 pieces. 64-010 1.39

Vacu-Bulb



1⁹⁹

Teflon Tip Takes Up Solder

Takes up solder safely, easily with vacuum action. No spattering. 64-2086 1.99

Soldering Aid Set

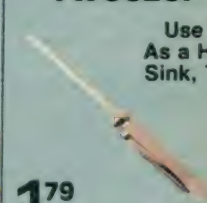


2⁹⁹

Four-piece set includes heat sink, brush/scraper, pointed, slotted probes. 64-2227 2.99

Soldering Tweezer

Use It As a Heat Sink, Too



1⁷⁹

Blunt, self-closing serrated points hold securely. 6 1/2" long. 64-1915 1.79

There's a Radio Shack Store or Dealer Near You—Wherever You Are

135

DO IT RIGHT WITH ARCHER® TOOLS & HARDWARE

Crimping Tool Set



NEW
FOR '85

7⁹⁵

Insulated
Grips

Set includes crimping tool and an assortment of 100 of the most popular insulated solderless crimp-on terminals. With convenient plastic storage case. 64-409 7.95

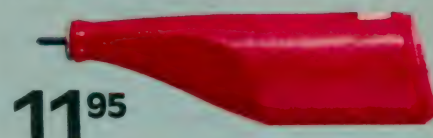
NEW
FOR '85

2⁴⁹

General Purpose Tapered Reamer

High-density carbon steel reamer cuts holes up to 1/2" in diameter. Cuts through light gauge steel, aluminum, circuit boards and plastic. Perfect for most Radio Shack switches and construction projects. 64-815 2.49

Personal Electric Engraver



11⁹⁵

Writes on Metal, Wood and Plastic

Easily identify your property—discourage burglars. Lightweight, 6 3/4" long housing. Powerful 7200-RPM motor, extra-sharp carbide point. U.L. listed AC operation. 64-2173 11.95

Crimping Tool



3⁹⁹

Crimps terminals, strips and cuts 10 to 22-gauge wire. Cushion-grip handles. 8 1/2" long. 64-404 3.99

Solderless Lugs



1⁶⁹

5 Popular
Sizes

Twenty each of ring, hook, tongue, large/small spade-tongue lugs. 64-406 .. Pkg. of 100/1.69

Storage Boxes



Low As

99¢

Strong
See-Through Plastic

Size	Sections	Cat. No.	Each
8 1/2 x 4 1/2 x 1 1/2"	6-18	64-552	2.39
4 3/8 x 2 3/8 x 1"	6	64-553	.99

Electronics Hardware



For Every
Handyman

1⁵⁹

Generous one-pound assortment of various hardware items.

64-2890 1.59

Tap-In Squeeze Connectors



1⁶⁹

Pkg.
Of 10

Taps for 18 to 14-gauge wire. 64-3052 .. Pkg. of 10/1.69

Hardware in Handy "See-Through" Packages

Huge Variety! Types for
All of Your Home, Shop
And Automotive Needs

■ 35 Types
■ Corrosion Protected

Only 99¢ Per Pack

Repairs and projects go easier with the right hardware. Packaged in clear plastic so you can see what you're getting and be assured of the highest quality. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!



1. Round-Head Machine Screws. 14 each: 2-56 x 1/4", 1/2", 3/4" 64-3010. 14 each: 4-40 x 1/4", 1/2", 3/4" 64-3011. 14 each: 6-32 x 1/4", 1/2", 3/4" 64-3012.

2. Pan-Head Sheet Metal Screws. 5 each: #4 x 1/2", #6 x 1/4", 3/8", 1/2", #8 x 1/4", 3/8", 1/2". 64-3016

3. Steel Machine Hex Nuts. 40 each: 2-56. 64-3017. 30 each: 4-40. 64-3018. 30 each: 6-32. 64-3019.

4. Flat Spring Steel Nuts. 10 of #4, 15 each of #6 and #8. 64-3062.

5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10. 64-3022

6. Control Nuts. 8 each: 3/8"-32, 15/32"-32 and 7 of .475"-32. 64-3020
Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. 64-3063

7. Aluminum Spacers. 2 each: 1/4", 1/2", 3/4", 1" sizes for #4, #6 & #8 screws. 24-pack. 64-3024

8. Vinyl Grommets. 7 each: 1/4", 5/16", 3/8", 1/2". 64-3025

9. Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. 64-3026

10. Polypropylene Cable Clamps. 6 each: 1/8", 3/16", 1/4" cable diameter. 64-3028

11-13. Solder Lugs. 40 pieces: #6, #8, #10 mounting holes. 64-3029

14. Solderless Ring Tongue. 6 each: #6, #8 (for 22-18 wire size). #6, #8 (for 16-14 wire size). 64-3030

15. Solderless Spade Tongue. 6 each: #6, #8 (for 22-18 wire size). #6, #8 (16-14). 64-3031

15, 17. Solderless Spade. (26-24). 3 each: #4, #8. Insulated, 2 each: #4, #6. 64-3042

15. Solderless #10 Spade Tongue. 12 each: (for 22-18 wire sizes), (for 16-14 wire sizes). 64-3034

16. Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3032

17. Solderless Insulated Spade Tongues. Assorted as above. 64-3033
Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). 64-3035

18. Butt Connectors. 10 each: (22-18), (16-14). 64-3036

19. Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037

20. Male Quick-Disconnects. 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4". 64-3038

21. Female Quick-Disconnects. Assorted as above. 64-3039

22. Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. 64-3061

23. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047

24. Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). 64-3041

25. Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14) #6 & #8. 64-3043

26. Solderless Insulated Flanged Spade. 6 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3044

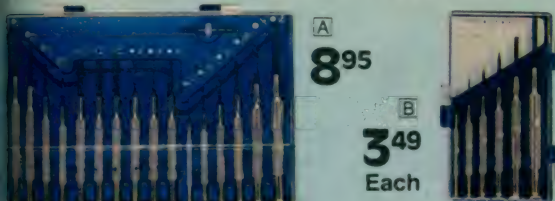
27. Female Flag Quick-Disconnect. 5 each: 3/16" & 1/4". 64-3046

28. Solderless Insulated Male/Female Quick-Disconnects. (for 22-18, 16-14 wire sizes). 1/2" tabs. 4 sets. 64-3049

29. Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" stud. Sizes #16-10 wire range. 64-3040

ARCHER QUALITY TOOLS MAKE ANY JOB EASIER

Versatile Precision Tool Kits



A 8⁹⁵
B 3⁴⁹
Each

A Set features 16 popular drivers—great for almost any kind of handywork. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a torque bar. Fitted case keeps tools organized. 64-1961 8.95

B Screwdrivers. Six screwdrivers, sizes #1-6. Nickel-plated brass handles and swivel tops. Widths from 0.8 to 3.8mm. 64-1948 3.49

Nutdrivers. Set of five with swivel tops and nickel-plated brass handles, torque bar. 64-1957 3.49

Phillips and Hex Keys. Set of five with two Phillips screwdrivers, three hex key wrenches and a torque bar. 64-1958 3.49

Combination Screwdrivers. Six screwdrivers: two Phillips and four regular. 64-1959 3.49

Pliers to Fit Any Job



C 3⁷⁹ **D** 5⁹⁹ **E** 3⁹⁹ **F** 3¹⁹

C 5" Long-Nose. Drop forged for a long, durable life. Insulated grips for electrical work. 64-1843 3.79

D Pro-Quality 5 1/4" Long-Nose. Made of top-grade steel. With spring return and insulated grips. 64-1812 5.99

E 6" All-Purpose. Use it as a nutwrench, stripper, cutter or crimper. Insulated handles protect hands. 64-1847 3.99

F 6 1/2" Needle-Nose. Made of long-lasting hardened steel. Comfortable, insulated grips. 64-1844 3.19

Multi-Purpose Cutters



G 3⁷⁹ **H** 5⁹⁹ **J** 2⁹⁹ **K** 3¹⁹

G 4 1/2" Diagonal. Slips in to cut wire in those hard-to-get-at places. With insulated grips. 64-1841 3.79

H Pro-Quality 4 1/2" Diagonal. Long-lasting top-quality steel. With spring return and insulated grips. 64-1813 5.99

J 5" Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Great for your bench! 64-1833 2.99

K 6" Diagonal. Durable blades for the tough jobs. Made of hardened steel. Insulated grips. 64-1845 3.19



Automatic Wire Stripper
8⁹⁵
Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long. 64-1919 8.95



Wire Strippers
L **M**
L Stripper/Cutter. For #12-24 wire. Insulated grips, long blade. 64-2129 2.49
M "Dial" Stripper. Set dial to perfectly strip/cut #12-24 wire. 64-1952 3.99



Ceramic Magnets
1/2" Button 64-1860
1 1/2" Round 64-1885
1" Rect. 64-1875
18^c Each
10-24 15^c Each
25-99 14^c Each
100-Up 12^c Each



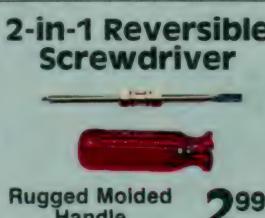
Handy 8 1/2" Multi-Wrench
3⁹⁹
A single tool that can handle even rusty nuts and bolts from 3/8" to 1 3/16" (9mm-22mm). Automatically adjusts. 64-1863 3.99



Knife Sharpener
2⁹⁹
Carbon steel rods for maximum sharpness. For scalloped, straight or serrated blades. 64-1860 2.99



Screwdriver Set
4⁸⁹
7-piece. 1/4 x 1 1/2" stubby, 1/8 x 1/4" midjet, 1/4 x 4 1/4" mechanics, 3/8 x 4" and 3/8 x 6" cabinet, #1-2 Phillips. 64-1823 4.89



2-in-1 Reversible Screwdriver
2⁹⁹
Rugged Molded Handle
Reversible driver has #1 Phillips and 3/16" std. heads. Securely lock in place. 64-1950 2.99



Magnetizer/Demagnetizer
1⁸⁹
Super-efficient magnet magnetizes and demagnetizes screwdrivers and other small tools. 64-1870 1.89



3-Piece Mini Screwdriver Set
1⁴⁹ Includes Storage Pouch
Swivel heads. For fixing eye glasses, meters and other delicate instruments. 64-1982 1.49



4-in-1 Tool Set With Carry Case
1¹⁹
Strong Molded Handles
Set includes one Phillips, two flat-head screwdrivers and an awl. 64-1819 1.19



Nutdriver Set
3⁹⁹
Six pieces. Hardened, tempered steel. Easy-grip, molded handles. 3/16"-7/16". 64-1821 3.99



Nutdriver Set
4⁹⁹
8-Pieces & Storage Case
Interchangeable tempered steel drivers. 1/8", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". 64-1800 4.99



Hex Key Set
1⁹⁹
Eighteen pieces. Complete range of short and long arm sizes. 64-1849 1.99



Color TV Tool Kit
2⁹⁹
Comes with eight hex and two slot tip alignment tools. Rugged construction. 64-2220 2.99



TV Alignment Kit
99^c
2-piece set. Fits most RF and IF transformers. A must for every workshop. 64-2223 99^c

ADHESIVES, CHEMICALS FOR BUILDING & FIXING



Precision Oiler

1⁴⁹

NEW FOR '85

For electronic equipment, household uses. Resists dust, does not coagulate, and has no oily residue. Needletip applicator. 1/4 oz. 64-2301 1.49



Cleaner Degreaser

1⁹⁹

Sprays away oil and grime from circuitry and components. 8 oz. 64-2322 1.99

Color TV Tuner Cleaner

2²⁹

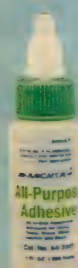
Spray into mechanical tuner to clean and lube contacts. 6 oz. 64-2320 2.29



TV Tuner Cleaner

1⁶⁹

Spray into mechanical tuner to help eliminate "noisy" contacts. 6 oz. 64-2315 1.69



All-Purpose Adhesive

1⁴⁹

NEW FOR '85

All-in-one adhesive works on china, glass, wood, metal, more. No-clog applicator. 1 oz. 64-2307 1.49

Instant Bonding Glue

1⁴⁹

All-purpose glue bonds non-porous materials in seconds. Nozzle tip. 64-2308 1.49



Twin-Tube Epoxy

2⁵⁹

Dual tubes automatically measure quality epoxy cement for quick repairs. 1 oz. 64-2313 2.59



Silicone Seal

3²⁹

Bonds, seals, caulks. Applies evenly and it's moisture resistant. With applicator tip. 64-2314 3.29



Dust/Particle Remover

1⁹⁹

Cleans circuits, cameras, computer keyboards, and more. Spray leaves no residue. 6 oz. 64-2325 ... 1.99



Component Cooler

2³⁹

Spray on electronic parts to chill and spot thermal defects. 6 oz. 64-2321 2.39

Rosin Flux Remover

1⁸⁹

Removes soldering flux deposits from electrical and electronic circuits. 6 oz. 64-2324 ... 1.89



Heat-Shrinkable Tape

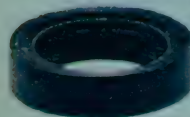
2⁴⁹

10-ft. Roll

Can be used where ordinary heat-shrink tubing can't. Shrinks lengthwise at least 30% when heated to 275°F. 3/4" wide. 64-2335 2.49



10kV Dielectric Tape



Low As 49¢

Roll Size	Cat. No.	Each
1/2" x 12 1/2 ft.	64-2348	.49
3/4" x 20 ft.	64-2349	.79
3/4" x 66 ft.	64-2350	1.39

Handy 5-Pack Electrical Tape

Pkg. of 5 1⁸⁹



Assorted Colors

Vinyl. For color-coding, many other home, shop, auto uses. 3/4" x 12 ft. rolls. 64-2340 1.89

All-Purpose Tape

1⁹⁹

Seals Ducts



Watertight, airtight, unaffected by normal heat, cold or damp weather. 2" x 30 ft. 64-2347 1.99

Carton-Sealing Tape

2⁴⁹

165-Ft. Roll



For shipping packages, envelopes. Forms clear, airtight seal against moisture. High tensile strength. 2" wide. 64-2339 2.49

2-Sided Foam Tape

1⁴⁹

40" Roll



Fasten accessories to car dash, pictures to walls, and more. Cut off amount needed. 3/4" wide. 64-2343 1.49

2-Sided Foam Tape Strips



1" Wide, 3" Long

Pkg. of 8 1⁸⁹

Instantly fasten pictures to walls, radar detectors to dash, more. 64-2344 ... Pkg. of 8/1.89

Hook-and-Loop Fastener Strips

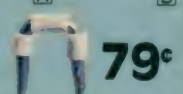


Pkg. of 4 1⁸⁹

Long-lasting 3" strips for attaching items to car dash, grill cloth to speakers. 64-2345 ... Pkg. of 4/1.89

Insulated Wire Staples

Mini Standard



79¢

A Mini. Ideal for modular phone wiring. 64-2876 ... Pkg. of 50/79¢
B Standard. Use for speaker wires, etc. 64-2875 ... Pkg. of 40/79¢

Jumbo-Size Cushion Feet



Pkg. of 8 1²⁹

Self-sticking 3/4" square cushions are ideal for large items: TVs, computers, speakers. 64-2342 ... 1.29

Self-Sticking Cushion Feet



Pkg. of 12 89¢

For projects, or replacements on radios, calculators, more. Peel and stick. 64-2346 ... Pkg. of 12/89¢

ARCHER® ACCESSORIES FOR HOME OR WORKSHOP

Voltage Spike Protector With Status Indicator Light

7⁹⁵

NEW
FOR '85

- Guards Against Brief High-Voltage Surges in Electrical Systems
- Protects Electronic Components

Acts as safety valve by absorbing damaging high-voltage transients without interfering with normal current flow. Easy to use, no wiring necessary, just plug it in. Built-in light indicates protection circuit is functioning properly. Rated 15 amps. U.L. listed.

61-2791 7.95

Noise Filter/Voltage Spike Protector

21⁹⁵

- Ideal for Expensive Audio, Video and Computer Systems
- Plugs into Existing Grounded AC Outlet

Guards sensitive equipment from line noise and harmful spikes. Toroid coil filter protects electronic equipment from noise in 0.5 to 5 MHz range, and prevents equipment-generated noise from entering line. MOV spike protector absorbs power surges that could damage ICs. Neon indicator shows all circuits functioning. Three-wire. Rated 10A at 120VAC. U.L. listed. 61-2785 21.95



Illuminated 30X Microscope

12⁹⁵

Great for Examining Small Objects
Like Microcircuits, Coins, and Stamps

Deluxe microscope puts light directly on object. Thumbwheel focus control. 5 1/2" long. With vinyl case. Requires two "AA" batteries. 63-850 12.95

Lighted Dual Magnifier

4⁹⁸

Read with 3" main lens, use 1" inset for fine type. Great for detailed hobby work. Requires two "AA" batteries. 63-848 4.98



Solar Cigarette Lighter

1⁹⁹

No flint, fuel, or flame—and wind actually helps. Parabolic mirror lights cigarettes in seconds. Carry pouch. 61-2797 1.99



Handy Flashlights for Every Purpose

NEW
FOR '85



- A 5-Cell Flashlight. Requires 5 "D" batteries. 68-1022 1.98
- B Standard "D" Cell. Requires 2 "D" batteries. 61-2624 1.29
- C Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 1.89
- D Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2639 1.89
- E Magnet Light. Requires 2 "D" batteries. 61-2640 2.89
- F Searchlight. Requires 3 "D" batteries. 61-2635 2.89

- G Handy Pen Light. Requires 2 "AA" batteries. 61-2626 1.99
- H 6 Volt Lantern. Requires 6V "spring terminal" lantern battery. 61-2628 3.89
- J "C" Cell Lantern. Requires 4 "C" batteries. 68-1035 1.98
- K Disposable Hand Light. With battery. 61-2636 1.99
- L Disposable Clip Light. With battery. 61-2625 1.69

See Page 156 For Everything in Flashlight Batteries

Mini Fluorescent Light

8⁹⁵

For Instant
Light At
Home or Away

Surprisingly bright and feathery light! Perfect for camping, highway emergencies and electrical blackouts. Small enough for backpack or glovebox. Also has built-in spotlight. Handy carry cord. 8 x 2 1/4 x 1 3/8". Requires three "C" batteries. 61-2734 8.95



SMOKE ALARMS AND ELECTRICAL ACCESSORIES



Ionization Smoke Detector and Alarm 16⁹⁵

- No AC Power Needed
- Low-Battery Warning Circuit

Continuously monitors the air. Responds quickly to smoke or invisible combustion particles by sounding a loud, built-in alarm. 7" dia. x 2" thick. Battery lasts up to one year. With mounting hardware. U.L. listed. 49-455 16.95



Attaches to wall ... or to ceiling Includes 9V battery

Grounded Multiple-Outlet Power Strips

15⁹⁵

21⁹⁵

Circuit-Breaker Protected



A 4-Outlet. Adds extra grounded outlets for appliances and other items—ideal for workbench, computer systems, stereos and more! Push-to-reset circuit breaker. With 6-foot cord, grounded 3-prong plug. Rated 15 amps, 125 volts. U.L. listed. 61-2620 15.95

B 6-Outlet. As above, with two additional outlets. On/off switch with power-on indicator light. 61-2619 21.95

Portable Smoke Detector and Alarm

19⁹⁵

Includes 9-Volt Battery—No AC Power Required



For Home or Travel

Don't take chances when you travel—fits easily in a suitcase or travel bag. Quickly detects smoke and invisible combustion particles and responds with loud, built-in alarm. With adjustable bracket for mounting on door. U.L. listed. 49-456 19.95

Power Failure Light

15⁹⁵



Don't be left in the dark! Lights up when AC power fails, operates up to 90 minutes. Battery recharges automatically. Plugs into AC outlet. U.L. listed. 61-2645 .. 15.95

Automatic Night Light

NEW LOW PRICE!

4⁹⁵

Was \$5.95 in 1984 Catalog



Turns on automatically at dusk. Gradually brightens as darkness increases, turns off at dawn. Ideal for lighting up hallway, stairs, bath or children's room. 4 1/2 x 1 3/8 x 1 1/4". U.L. listed. 61-2646 4.95



Light Dimmer Switches

6⁹⁵

- C** Rotary. Push-on/off. 120VAC, 600W max. Incandescent only. U.L. listed. 61-2699 6.95
- D** Toggle. Full-range dimming between on and off. Rated as above. 61-2694 6.95

Indoor Lamp Control

7⁹⁵

Turns Your Lights On at Dusk and Off at Dawn

Control lamps with sunlight! Place control in area reached by sunlight, then plug into AC and plug lamp into control. 300W max. Incandescent use only. U.L. listed. 61-2774 7.95

Outdoor Light Control

8⁹⁵



Ideal for Yard, Patio or Driveway

Turns lights on at dusk, off at dawn. Fits PAR-38 floodlight sockets. With lens shield and washer. 150W max. U.L. listed. 61-2775 8.95

U.L. Listed Extension Cords



N 25-Foot 2-Wire One-Outlet Cord. Polarized plug and socket. 61-2759 3.49

Q 10-Foot Power Center Extension Cord. Three-prong grounded plug with three outlets. 61-2763 5.49

Q 3-Foot Cord. As above. 61-2762 3.99

P Standard. Polarized, 2-wire cube outlet.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39

Handy Electrical Plugs



All Are U.L. Listed For Safety

- E** 4-Outlet Plug. Two-wire type. 61-2621 1.99
- F** 6-Outlet Plug. Three-prong type. 61-2622 3.49
- G** 3-Outlet Plug. Three-prong type. 61-2705 1.99

Cube Tap and 3-Prong Adapter



U.L. Listed

H 3-Plug Cube Tap. Turns one outlet into three. 61-2701 Pkg. 2/1.09

J Grounded Adapter. Converts 2-prong to 3. 61-2720 Pkg. 2/1.09

Plugs and Line Switch



U.L. Listed

K Quick Plug. Easy-to-hookup replacement. 61-2702 Pkg. 2/1.19

L Flush Wall Plug. For "wall-hugging" appliances. 61-2703 Pkg. 2/1.59

M Mini Line Cord Switch. On/off control. 61-2713 99¢

There's a Radio Shack Store or Dealer Near You—Wherever You Are

HOME WIRELESS REMOTE CONTROL SYSTEMS



Take Command of Household Lights and Appliances

Control Center Operates Electrical Devices With the Touch of a Button



39⁹⁵

Simple to Install—
Just Plug It In

**Command Up to 16 Appliances—
Works With All Plug 'n Power Modules**

Without leaving your chair, you can turn lights on or off throughout the house, control TV, stereo and appliances, almost anything in your home! An all-lights-on button doubles as panic switch in emergencies. No wiring to install—use as many control centers as you wish. To use, just connect Modules (below) to lights or appliances, then plug into AC outlet. 4³/₄ x 3¹/₂ x 3¹/₂". U.L. listed.

61-2680 39.95

**Deluxe Remote Control Timer Center With
Battery Backup and Battery Test Features**



69⁹⁵

- Automatically Sends On/Off Commands at the Times You Preset
- Just Plug In—Uses House Wiring
- Built-In Digital Clock Display



Battery Backup

During power failures, batteries keep timer running and prevent loss of times in memory. Battery Test button lets you test without removing batteries.

Solid-state timer automatically controls up to eight electrical devices. Uses plug-in Modules (below) to wake you, start the coffee, control outdoor lights and more. Program each device to turn on or off at the same time each day or vary times for an at-home look. 3¹/₄ x 5¹/₈ x 5³/₁₆". Requires four alkaline "AA" batteries for backup. U.L. listed. 61-2679 69.95

Plug 'n Power™ Appliance Module

16⁹⁹

All Modules Are
U.L. Listed

Turns appliance on and off. Resistive load: 15 amps, motor load: 1/3 horsepower, incandescent lamp: 500 watts.

61-2681 16.99

Plug 'n Power Lamp Dimmer Module

16⁹⁹

For use with incandescent lamps rated up to 300 watts. Functions include on, off, brighten and dim.

61-2682 16.99

Plug 'n Power Wall Switch Module

17⁹⁹

Replaces standard wall switch. For incandescent lamps up to 500 watts. On/off by remote or local control, brighten and dim by remote.

61-2683 17.99

Plug 'n Power Universal Appliance Module

17⁹⁹

For appliances with 3-prong grounded plug. Television: 400 watts max. Other ratings same as Appliance Module.

61-2684 17.99

Wireless RF Remote Control Switch

34⁹⁵

- 50-Foot Range
- Digital-Coded Operation Prevents Interference

Turn lights on before entering your home, operates through walls. 1000 watts. U.L. listed. Transmitter requires 9V battery. FCC registered.

61-2665 34.95

Extra Transmitter. 61-2666 14.95

Wireless Sonic Remote Control Switch

27⁹⁵

Armchair Convenience!
Get Instant On/Off Control of TV, Lights and Appliances From Up to 100 Feet Away!

No cords, wires or batteries. Signal processor controls TV, stereo, lamps and appliances. Just plug into AC outlet, squeeze hand-held whistle to turn devices on and off. Adjustable range. Handles equipment rated up to 400 watts. U.L. listed. 61-2660 .. 27.95



Schools, Shops, Industrial Users—See Page 93 for Information on Quantity Discounts

AUTOMATIC EMERGENCY DIALER—A SILENT ALARM!



Use it Alone or With
An Alarm System for
Emergency Protection

NEW '85
FOR

99⁹⁵



- Automatically Dials Up to Three Numbers that You Select and Plays Your Personal Prerecorded Message
- Large Red "Panic" Button Alerts Others When You Need Help in an Emergency

A breakthrough—systems like this, which call for help without prowlers being aware of it, used to cost much, much more! Now, when you're at home, just press a button and get immediate dialing of three phone numbers of up to 15 digits each. And when you're away, it can be triggered by most burglar alarms and security sensors to alert you of danger. Pulse dial system works on tone or rotary lines. With 20-second outgoing message tape, monitor switch, built-in mike, battery-check button, LED status indicators and modular telephone cord. Battery backup if AC fails (requires three "AA" and four "C" batteries). FCC registered. 3 1/2 x 9 x 6 1/2". U.L. listed. 49-431 99.95



Low-Cost Bedside Security—One Push of a Button Calls For Help in Case of Prowlers, Fires and More

Low-Cost, Easy-to-Install Motion-Detector Alarm Systems



Can Be Used With Optional Perimeter Accessories

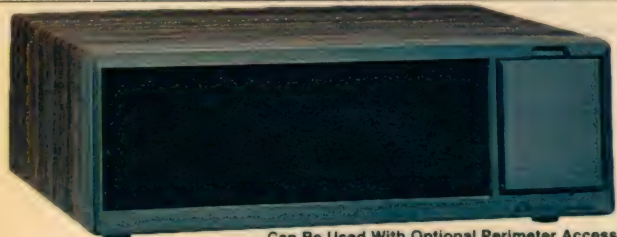
Our Best! Passive Infrared Motion Sensor

149⁹⁵



- Detects Intruder's Body Heat and Motion
- Sounds Loud Internal Alarm, Then Resets
- "Walk-Test" Defines Protected Area

Passive infrared and perimeter protection. Covers 20-ft. by 30-ft. area. Arm/disarm with keyboard code. Exit/entry delay, panic circuit, accepts optional external alarm. Battery backup requires eight "C" batteries. Simulated walnut. 3 3/4 x 10 1/2 x 8 1/4". U.L. listed. 49-305 149.95



Can Be Used With Optional Perimeter Accessories

Deluxe Ultrasonic / Perimeter Alarm System

99⁹⁵



- Automatic Shutoff and Reset
- 30-Second Exit/Entry Delay
- 24-Hour Panic Alarm Circuit

Ultrasonic plus perimeter protection! Keyboard code arms/disarms alarm. "Walk-Test" defines protected area, up to 20 x 30 feet. Loud built-in or optional external alarm. Battery backup requires eight "C" batteries. Simulated walnut. 3 3/4 x 10 1/2 x 8 1/4". U.L. listed. 49-304 99.95



Ultrasonic Motion-Sensor Alarm System

NEW LOW PRICE!

59⁹⁵

Was \$69.95 in 1984 Catalog

- No Installation—Just Plug in and Aim
- "Walk-Test" Lamp Defines Alarm Area
- Covers 20-Ft. by 30-Ft. Long Area

Motion sets off loud internal alarm or optional super-loud siren or bell. Alarm trigger instantly or after 15-second delay. Adjustable sensitivity control, remote on/off, 10-second exit delay, battery backup provision. Simulated walnut. 2 3/4 x 9 1/2 x 8 1/4". U.L. listed. 49-303 59.95

LOW-COST PROTECTION FOR YOUR HOME AND CAR

Door-Hanger Alarm



9⁹⁵

For Use on Most Wooden Doors

Hooks over the inside of any door-knob. Piercing alarm warns of tampering. Wood doors only. 4 3/4 x 2 3/16 x 1 3/8". Requires 9V alkaline battery. 49-461 9.95

Electronic Door or Window Alarm



11⁹⁵

- Easy-to-Install
- Exit/Entry Delay
- Key-Operated On/Off Switch

Loud, shrill sound scares off burglars. 5 1/8 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421 11.95

Combination Door Alarm & Entry Chime



24⁹⁵

- Arms With Secret Keyboard Code
- Exit/Entry Delay
- Easy to install

Alarm, plus "ding-dong" chime to announce callers. 6 5/8 x 2 3/4 x 1 1/4". Requires 9V alkaline battery. 49-422 24.95

Window / Door Alarm




3⁴⁹

Install Several

Perfect for trips! Includes screws and adhesive backing. Requires two "AA" batteries. 49-494 3.49

Personal Powerhorn®



5⁹⁵

Use to Summon Help

Fits in pocket or purse. Can be heard up to 1/2-mile away. 49-600 5.95

Window / Door Stop



99^c

Halts Burglars!

Halts opening of sliding windows or doors. Adjusts to any size. 49-540 99^c

Hand-Held Personal Alarm



With Door Attachment **9⁹⁵**

Press bar and the alarm sounds for up to one hour. Shuts off with code. Requires 9V alkaline battery. 49-610 9.95

Protect Your Valuable Investment! Mobile-Alert® Alarms

"Silent" Alarm / Pocket Receiver



89⁹⁵

You Hear Alarm Up to 1/2-Mile Away—the Thief Doesn't

Mini-transmitter attaches to your car radio antenna, sensors mount on door post. When your car is tampered with it signals pocket receiver. Receiver requires two "AA" batteries. 12VDC neg. gnd. 49-491 . . 89.95

Keyless Alarm With Motion Sensor




49⁹⁵

Senses Opening of Hood, Trunk, Doors and Warns of Tampering

Intrusion or motion triggers loud 3-minute alarm, then resets. 40-second exit/20-second entry delays. Control module sensor, cables and hardware. 12VDC neg. gnd. 49-762 49.95

Keyless Auto Alarm System



29⁹⁵

- No Keys to Lose or Forget
- Arms After Last Door is Shut

Penetrating sound can be heard for blocks. 20-second entry and 40-second exit delays. With trunk and door switches, wire, hardware and manual. 12VDC neg. gnd. 49-781 29.95

Module to Design Your Own Alarm System



19⁹⁵

Uses your car's horn or an optional electronic alarm. Automatically arms itself after last door is closed. 20-second entry delay. Alarm output handles 12VDC at 15A. With manual, wire. Add accessories below to complete your system. 12VDC neg. gnd. 49-751 19.95


Hide A Key



69^c

No more lockouts! Grips any flat magnet-holding surface. Ideal for home and car. 49-050 69^c

Extra Pin Switches



2⁸⁹

Pkg. of 2

For hood, trunk or doors. Can be used with any system on this page. 49-509 2/2.89

Low-Cost Auto Motion-Detector Switch



Senses Movement **4⁹⁹**

Mounts under hood. Add to any of the systems above. Adjustable sensitivity. Normally open circuit. 49-520 . . . 4.99

SAFE HOUSE® ALARM SYSTEMS BY RADIO SHACK

Low-Cost, Whole-House Protection

99⁹⁵



- 24-Hour Security
- Custom-Design Your System
- Expandable—Add Accessories

The same system used by professionals! Everything you need is built into the all-steel control panel. Add alarm bells, sirens and strobes, key locks, dialers, vibration and glass-breakage detectors or motion sensors—any of the devices on page 145. System features two alarm "loops"—one instant, and one with adjustable 0-45 second entry and exit delays. Add up to ten arm/disarm key switches for different entrances. Panic switch circuit for emergencies. Alarm shuts off after five minutes, then auto-resets. Low-voltage transformer plugs into 120VAC and features battery backup in case of AC failure. Four LEDs in the control panel indicate system status. Power-on and arm/memory LEDs assure system is armed and working. Loop indicator lights when all circuit detectors are in normal state, and show if a window or door is unprotected. Battery and bell "test" buttons and battery indicator. 11⁷/₁₆ x 8¹/₄ x 3⁹/₁₆". Backup requires eight alkaline or ten rechargeable "C" batteries. U.L. listed. 49-450 **99.95**

24-Hour Protection

Complete Alarm System Package 129⁹⁵

Save \$16³⁵

Reg. Separate Items 146.30



- A Alarm Control Panel, 49-450**
- B 100 Ft. of Wire, 278-860**
- C Key Lock, 49-523**
- D 4 Magnet Switches, 49-495**
- E Electronic Siren, 49-488**

Wireless "Perimeter" Home Burglar Alarm Easy to Install—No Complicated Wiring

159⁹⁵



Includes Main Alarm and One Door Transmitter

- No Wires to Run from Transmitter to Main Alarm Control
- Design Your Own Highly Effective "Total" Security System

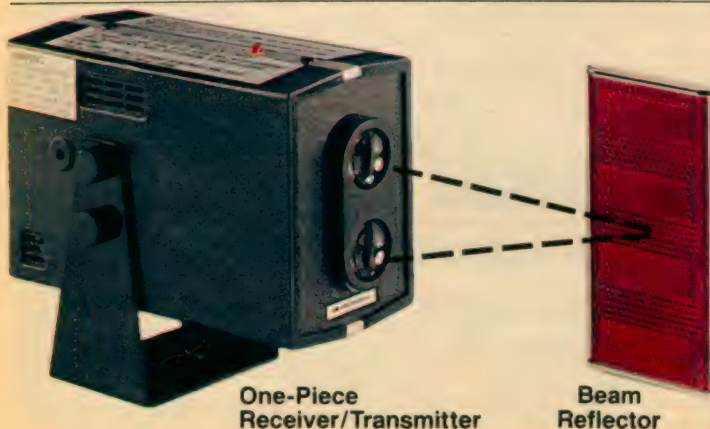
Plug Receiver/Central Alarm into AC outlet and place transmitters at doors and windows. Features loud built-in alarm, or add super-loud Indoor/Outdoor Horn below. Automatic alarm shutoff and reset. Program your own "disarm code" and an exit/entry delay time. Two channels let you "zone" the system. Six LEDs show functions. Receiver: 3¹/₄ x 10¹/₄ x 6¹/₂". U.L. listed AC operation with battery backup (requires six "C" batteries). Transmitter requires 9V battery. 49-401 **159.95**

Extra Transmitter. Requires 9V battery. 49-402 Each 29.95

Indoor/Outdoor Alarm Horn. 49-500 27.95



Expandable—Just Add More Transmitters



One-Piece Receiver/Transmitter

Beam Reflector

Announcer With Invisible Infrared Pulsed Beam

69⁹⁵

Works as an Announcing System for People Entering a Given Area—Activates Built-in Buzzer When Beam is Broken

Round-the-clock protection at a low price! Shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back. When the beam is interrupted, the alarm is triggered. Alarm can be set to sound momentarily, continuously with manual reset, or sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell or siren. 4¹/₈ x 3 x 7¹/₄". With adjustable mounting bracket. U.L. listed AC operation. 49-201 **69.95**

ENLARGE YOUR ALARM SYSTEM WITH ACCESSORIES

Switches and Spacers

A Switch. Contacts close as magnet engages. U.L. listed. 49-495 3.49

B Switch. Contacts open as magnet engages. U.L. listed. 49-512 3.99

C Spacers. Use with above on metal doors or uneven surfaces. 49-519 ... Pkg. 6/99c **B**



Magnetic Switches



C Concealed. Contacts close when magnet engages. Mounts inside door or window frame. U.L. listed. 49-497 3.99

D Mini. Contacts close when magnet engages. U.L. listed. 49-496 ... 3.99

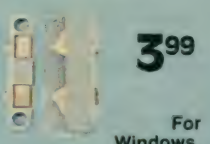
Foil and Block Connectors



E Foil. Connects to alarm and glass. 120-foot x 3/8" roll. 49-502 5.99

F Connectors. Adhesive. 49-504 3 Pair/2.59

Foil/Vibration Contact



3.99

For Windows, Door Frames

Mount half on window or door, other half on frame. Allows normal door/window use. 49-518 ... 3.99

Glass Breakage Detector



7.95

Guards up to 32 square feet. For open or closed circuits. U.L. listed. 49-516 7.95

Vibration Detector



3.95

Detects impact vibration. Adjustable sensitivity. For N.C. circuits. U.L. listed. 49-521 3.95

Contact Switch

1.29



For Windows, Door Frames

Depress plunger to close contacts. With terminals, hardware. U.L. listed. 49-513 1.29

Panic Switch



1.49

Triggers Instant Alarm

Contacts close when button is pushed. For N.O. circuits. 49-517 1.49

Tamper Switch



1.39

Protects alarm panels, siren, bell boxes. Depress plunger to open contacts. For N.O. loops. 49-528 1.39

Lock Switch With Cover



4.69

Spring-loaded cover, screw terminals. Two keys. Ideal for home or car alarm. 49-515 4.69

High-Security Round Lock Switch



9.95

Key removes in "on" or "off." Two keys. 49-511 9.95
As above, but momentary contact. 49-523 9.95

Remote Key Plate

5.95



For Most Keyswitches

Red, green LED status indicators, tamper switch. 6 and 12VDC. Mounting hardware. 49-524 ... 5.95

8" Alarm Bell

19.95



Heavy-duty for signaling or alarm systems. 0.4A, 12VDC. U.L. listed. 49-498 19.95

Two-Sound Indoor Siren



NEW FOR '85 14.95

Super loud steady or rise-fall sound. Ceiling or wall mount. 12VDC, 1/2 amp. 49-529 14.95

Electronic Siren



16.95

Dual sound—rise-fall or steady. Weatherproof. 1/2A, 12VDC. 49-488 16.95

Hi-Power Two-Sound Siren



39.95

Loud rise-fall or steady sound. 1A at 6 to 12VDC. Adjustable base. Weatherproof. 49-525 39.95

2-Conductor Twisted Wire



Low As **5.49**
100-Ft. Spool

For use in making alarm system connections. 22-gauge. 100 feet. 278-860 5.49
278-861. 300 ft 15.95

Warning Decals



Pkg. Of 5 **99c**

Vinyl adhesive mounts on glass, warns away burglars. 49-507 ... Pkg. of 5/99c

Digital Key Switch



NEW FOR '85

21.95

Use With Most Alarm Systems
Tamper Switch

Available Nov. 30, 1984

Secret code arms or disarms system. Red and green LEDs show status. 10,000 combinations you can set. Use as panic button. Requires 10-16VDC at 70mA. Indoor use only. 49-535 21.95

Passive Infrared Sensor

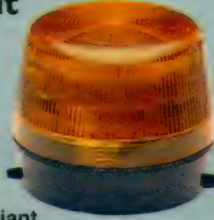


69.95

Detects Intruder's Motion By Sensing Body Heat

Mounts on wall to cover area 35-feet long, 20-feet wide. Use with #49-450 and other alarm systems. Walk-test LED determines area covered. Has N.O. tamper switch. Requires 12VDC at 20mA. U.L. listed. 49-530 ... 69.95

Security Strobe Light



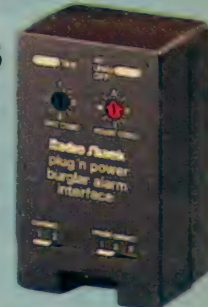
Brilliant Strobe is Visible Even in Fog **19.95**

Helps police or fire department locate your home quickly. Waterproof. 100,000 candle power. Requires 12VDC at 0.2A. U.L. listed. 49-527 19.95

Interface Module

39.95

Turns On Lights to Scare Off Intruders



Turns on lights and other modules when alarm sounds. Use with Plug 'n Power™ modules on page 141. Works with any Radio Shack and most other alarm systems. U.L. listed. 49-526 39.95

Sale and Use of Sirens for Mobile Use is Prohibited in California and Certain Other States

MICRONTA® TIMERS FOR 24-HOUR CONTROL

Versatile 7-Day Digital Programmable Timer



49⁹⁵

- Set Up to 12 On or Off Functions to Occur Daily, or on A Specific Day of The Week
- Controls Two Separate Devices Simultaneously

Program appliances for any day of the week! Ideal for video and stereo taping. Built-in clock has 0.6" LED display with p.m. and day of the week indicators. Battery backup runs timer in case AC power fails. Battery Sentinel® LED and test switch let you know if backup batteries are weak or missing. Instant on/off override switch. Rated 15 amps. 3 1/8 x 6 3/4 x 6 1/4". Requires four "AA" batteries for backup. U.L. listed. 63-887

49.95

24-Hour Programmable Timer



2-Piece Design
Eliminates Tangled
Power Cords

24⁹⁵

Precise to-the-minute control for your TV, stereo, coffeemaker or lamp. Control unit has 0.6" LED display and battery backup to maintain time and memory during power failures. Battery sentinel warns of weak battery. Instant on/off override. Rated 15A, 1875W. Control: 2 x 5 3/8 x 3". Requires 9V battery for backup. U.L. listed. 63-888

24.95

Executive's Clock/Timer



NEW
FOR '85

14⁹⁵

Perfect for timing long-distance phone calls. LCD display shows time of day, or elapsed time to 59 minutes, and 59 seconds. It's also very handy for timing interviews and practicing speeches. Automatic reset and a.m./p.m. indicators. Requires "AA" battery.

63-735 14.95

Pocket Countdown Timer



14⁹⁵

- LCD Display
- Keyboard Operated

Just the thing for schools, labs, personnel testing, kitchen or anywhere precision timing is important. Three-way mounting: fold-out stand, clip for clothing, magnet for metal surfaces. Maximum count: 99 minutes 99 seconds. 2 1/4 x 2 1/2 x 7 1/16". With battery. 63-880

14.95

Electronic Countdown Timer

19⁹⁵



Turns on or off after 15/30/60/120 minutes or any combination up to three hours and 45 minutes. Instant on/off override switch, LED indicators. Six-foot connecting cord. Handles up to 1000 watts. Switch unit: 3 x 2 1/2 x 2". Control unit: 1 1/4 x 3 7/8 x 2 3/8". U.L. listed. 63-895

19.95

Programmable Light Timer



19⁹⁵

- Memory Repeats Up to 48 Selections
- Replaces Standard Wall Switch

"Rapid Program" lets you Program for 24-hour period in advance. "Variable" feature automatically varies on/off times for an "at home" look. Rated 500 watts, incandescent only. U.L. listed.

63-875 19.95

Multi-Program Timer



15⁹⁵

Convenient Tabletop Design

Up to 12 on/off functions every 24 hours. 23 hours maximum "on" time, 1 hour minimum. Override switch allows you to turn on or off without changing program tabs. Rated 15A, 1875W. 2 3/4 x 4 x 3". U.L. listed. 63-865

15.95

Multi-Program Plug-In



11⁹⁵

Leaves One AC Outlet Exposed For Normal Use

Has 24 programming tabs to provide up to 12 on/off functions per day. Manual control or auto-repeat. 23 hours maximum "on" time, 1 hour minimum. Rated 15 amps at 1875 watts. 4 x 2 x 1 1/4". U.L. listed. 63-864

11.95

Mini Plug-In Timer

8⁹⁵

Cordless—Plugs Into AC Wall Outlet



21 1/2 hours maximum "on" time, 2 1/2 hours minimum. Leaves one outlet exposed for regular use. Handles most any electrical appliance rated to 15A, 1875W. 4 3/4 x 2 3/4 x 1 1/4". U.L. listed.

63-862 8.95

THE VERY LATEST IN ELECTRONIC CONVENIENCE



Micronta® Quartz LCD Watches



NEW '85

A 29⁹⁵ **B 19⁹⁵** **C 19⁹⁵** **D 9⁹⁵**

A Phone Directory/Calculator Watch. Stores 40 phone numbers. Recall by entering party's name. Full-function calculator, calendar. 12/24-hr. display. 63-5060 29.95

B Calculator Alarm Watch. 24-hour alarm with hourly chime, calculator and calendar. With plastic case. 63-5059 19.95

C Chronoalarm Watch. Displays month/date/day of week, time or stopwatch with 1/100 sec. lap and total times. Selectable hourly chime. 63-5057 19.95

D Water Resistant Watch. Water resistant to 100-feet. 24-hour alarm with hourly chime. Calendar. 63-5058 9.95

All include batteries and adjustable bands.

Accurate Quartz Clocks for Vehicles



E 29⁹⁵ **F 24⁹⁵** **G 17⁹⁵**

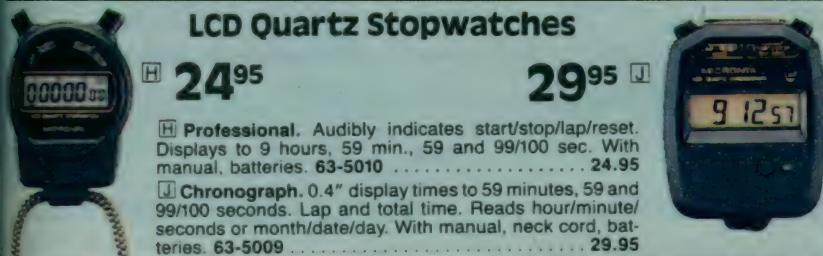
E Fluorescent Car Clock/Tachometer. Also has built-in headlight warning function. 1 7/8 x 3 5/8 x 1 1/2". For 12VDC neg. gnd. only. 63-837 29.95

F Fluorescent Car Clock With 24-Hour Alarm. Fast and slow alarm and time setting controls. 1 7/8 x 4 x 1 5/8". 12VDC neg. or pos. gnd. 63-834 24.95

G LED Mini Clock. Fits almost anywhere. Hi/lo brightness control, easy-to-read display. 1 1/2 x 3 1/2 x 1 3/8". 12VDC neg. or pos. gnd. 63-833 17.95

All clocks blank when ignition is off, dim for night driving. With mounting hardware, instructions.

LCD Quartz Stopwatches



H 24⁹⁵ **I 29⁹⁵**

H Professional. Audibly indicates start/stop/lap/reset. Displays to 9 hours, 59 min., 59 and 99/100 sec. With manual, batteries. 63-5010 24.95

I Chronograph. 0.4" display times to 59 minutes, 59 and 99/100 seconds. Lap and total time. Reads hour/minute/seconds or month/date/day. With manual, neck cord, batteries. 63-5009 29.95

LCD Digital Watch Pens—Timely Writing Devices



K 5⁹⁵ **L 8⁹⁵**

K Watch Pen. Displays hours/minutes/seconds or month/date. Uses standard "Parker-size" refill. Accurate to one minute per month. With battery. 63-5075 5.95

L Alarm Watch Pen. Same as above, plus alarm with hourly chime. 63-5076 8.95

There's a Radio Shack Store Near You—Wherever You Live

Digital LCD Fever Thermometer

Only 5 1/2"
Long in Case

NEW '85
FOR 12⁹⁵

Easy-to-read LCD displays accurate ($\pm 0.2^\circ\text{F}$) temperature readings in just one minute. Auto-shutoff and high temperature warning. With carry case, long-life battery. 63-653 12.95

Biofeedback Monitor

14⁹⁵

- Learn to Control Stress
- Play "Lie Detector" Games

Attach sensors to fingertips and listen. Tone rises when you're under stress, drops as you relax. Built-in speaker, ear-phone jack. Requires 9V battery. 63-675 14.95



Alcohol Breath Indicator

34⁹⁵

MICRONTA

Learn to Identify Your
Alcohol Level—a
Priceless Health & Safety Aid

This device is an indicator and not an analytic instrument

Simply blow into the mouthpiece and the sensor circuit electronically measures alcohol level. Three LED indicators—green means safe, yellow for caution and red means exceeds legal limit. Take it along to parties and make sure you can get home safely. 5 1/2 x 2 x 1 1/4". Requires four "AAA" alkaline batteries. 63-665 34.95



Microwave Leakage Detector

14⁹⁵

Checks microwave oven door seals for dangerous leakage. Just move along door seals and meter indicates relative microwave energy. Not a certification instrument. 22-2001 14.95



Plant Light-and-Moisture Meter

7⁹⁵

Instantly switches from light to moisture readings: pointed probe inserts in soil easily. 28-page manual with readings for hundreds of plants. Self-powered. 63-685 7.95



YOU CAN DEPEND ON MICRONTA® ALARM CLOCKS



Talking Dual-Alarm Clock/Calendar

49⁹⁵

NEW '85

- Time Announcement and Chimes May Be Set for Every Quarter Hour, Half Hour, Hour or Not at All
- "Crescendo Alarm" Really Gets Your Attention As It Increases Through Four Volume Levels

VoxClock® 3. Our talking clock tells you the time when the alarms sound. It tells time or month/date at the touch of a button. If you want, it announces the time and chimes at regular intervals. And you see everything on the 0.9" LED display as you hear it! Adjust the loudness of the voice, alarm and chimes with the slide-action volume control. Alarm setting announcements assure you that alarms have been set correctly. Forward/reverse controls make setting time and alarms fast and easy. Also features snooze alarm, high/low dimmer and LEDs for alarms on, p.m. and Battery Sentinel. 2 x 6 x 5." U.L. listed. Requires seven "AA" batteries for backup.

63-906 49.95



Jumbo LED Digital

27⁹⁵

NEW '85

- Selectable 12 or 24-Hour Display
- 1.8" Digits Can Be Seen Across the Room

Perfect for ham shack, computer rooms or your home. Features snooze, 24-hour alarm, hi-lo brightness. 4 x 8 x 3⁵/₈". U.L. listed. 63-765 27.95

Easy-Setting LED

NEW '85

15⁹⁵

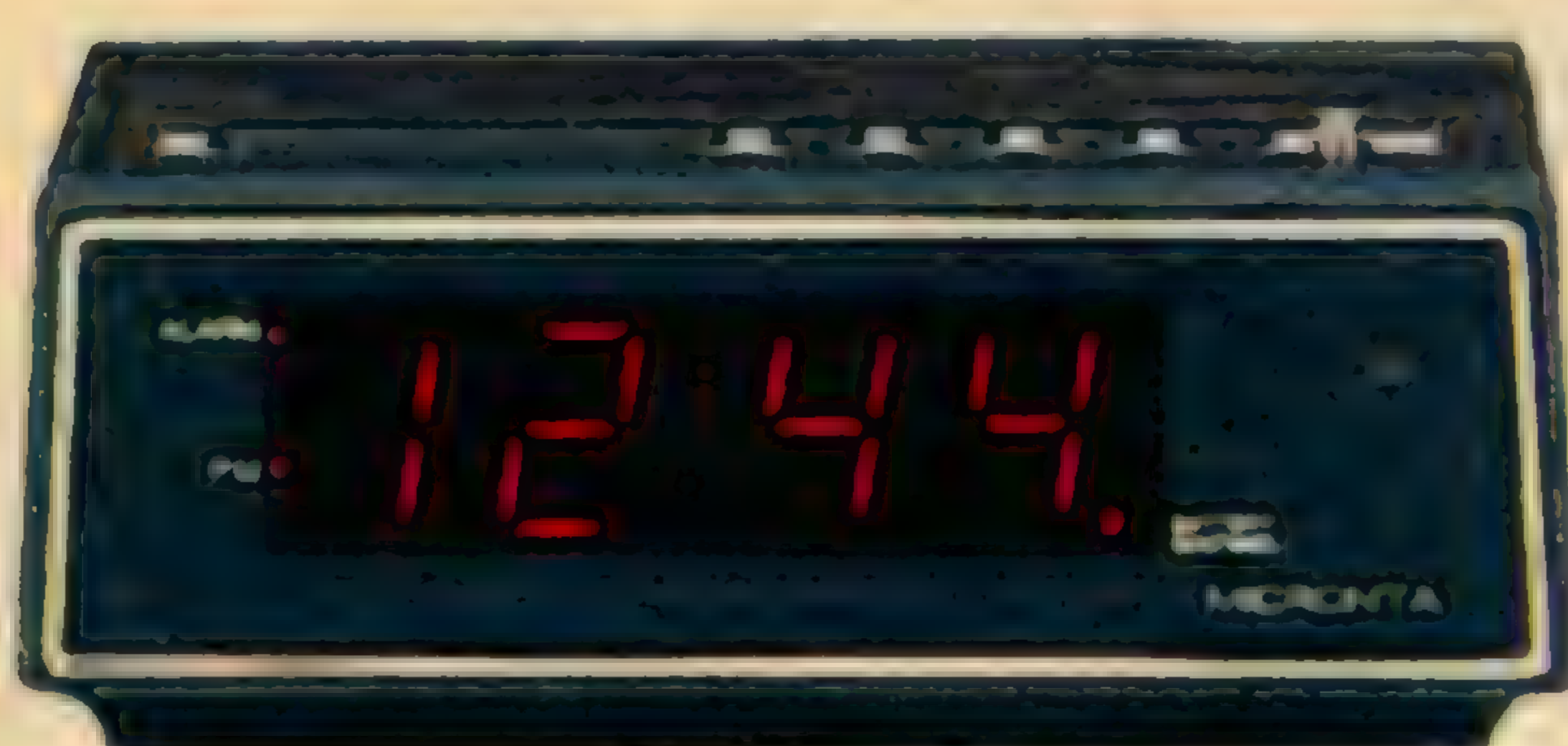
Setting the Time Has Never Been so Easy or So Fast



Available Sept. 30, 1984

Side-mounted rotary control eliminates confusing buttons, and "two-hand" setting. Simple two-way control sets hour and minute. Has p.m. and alarm-on indicators. 2¹/₈ x 5¹³/₁₆ x 3¹/₄". U.L. listed. 63-785 15.95

Deluxe Auto-Dimming LED



19⁹⁵

Easy to Read 0.9" Display

See the time at a glance! Snooze, auto display brightness, LED p.m. indicator. 2³/₈ x 6¹/₄ x 3³/₄". U.L. listed. 63-828 19.95

Battery Backup/Battery Sentinel®

Featured in All Eight AC Clocks



Even if AC power fails, you'll be on time! Battery Backup keeps clock running, without display, for up to eight hours and alarm for 10 minutes.



Front-panel indicator warns you if backup battery is weak or missing.

NEW '85

LED Dual-Alarm

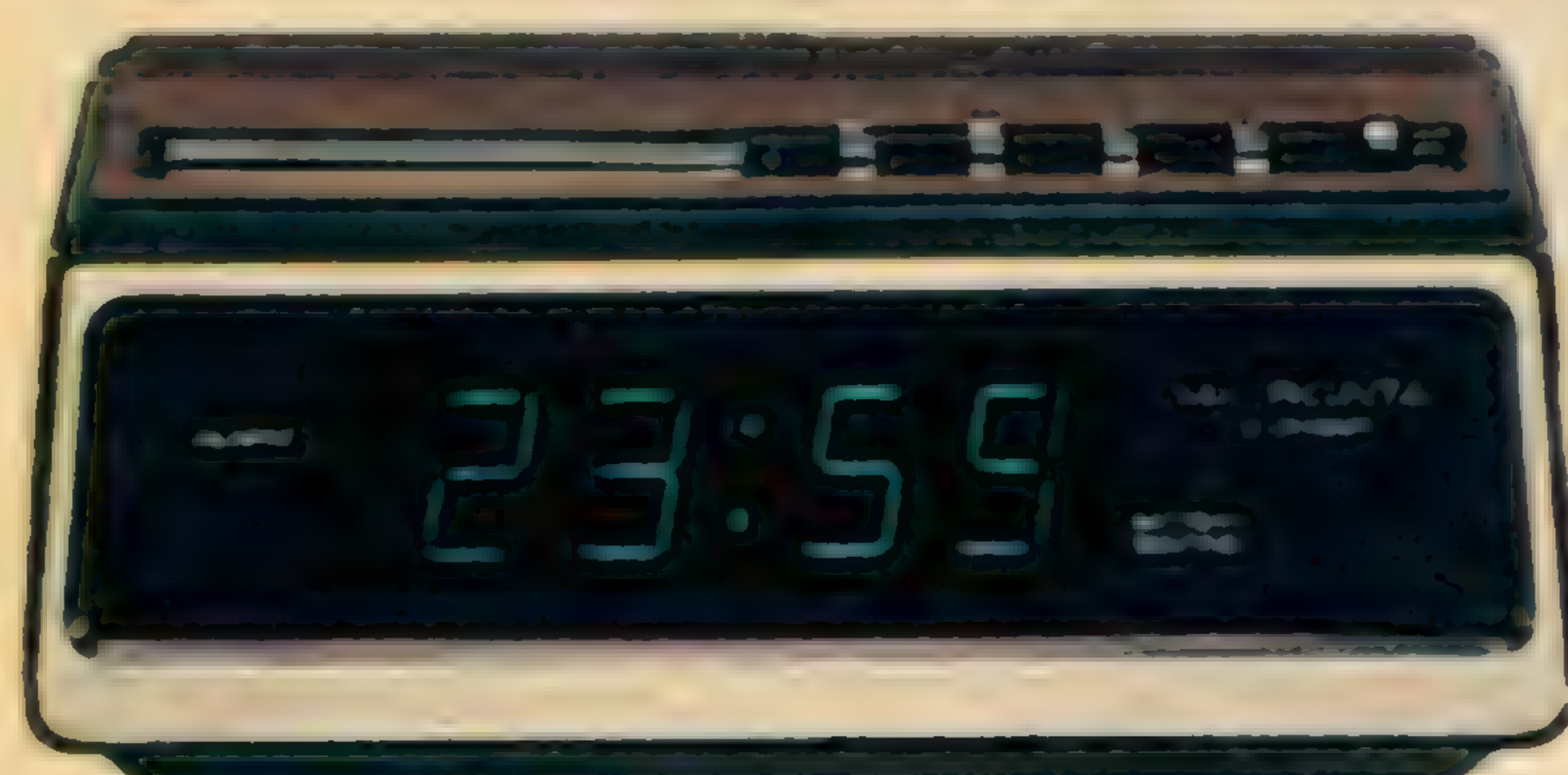
19⁹⁵

Available Sept. 30, 1984



"His" and "hers" alarm settings for two wake-up times. Has 0.7" display, 24-hour alarm, p.m./alarm-on indicators. 2¹/₄ x 6³/₈ x 3¹/₂". U.L. listed. 63-774 19.95

Blue Fluorescent Display



19⁹⁵

Space-saving clock has bright 0.6" selectable 12 or 24-hour display, snooze, 24-hour alarm, and alarm-on and a.m./p.m. indicators. 2¹/₈ x 5¹/₂ x 3". U.L. listed. 63-753 19.95

Compact 12/24-Hour LED

14⁹⁵



Features snooze control for extra winks, 0.7" display for 12 or 24 hours, 24-hour alarm, alarm-on and a.m./p.m. indicators. 2¹/₈ x 5¹/₂ x 3". U.L. listed. 63-826 14.95

Our Lowest Priced LED

11⁹⁵



Great for those places where you need an extra clock. Easy-to-read 0.6" display, snooze control, 24-hour alarm, LED p.m. indicator. 1⁷/₈ x 5¹/₁₆ x 2⁷/₈". U.L. listed. 63-829 11.95

ACCURATE BATTERY-POWERED QUARTZ CLOCKS



Time Projector LCD Alarm

34⁹⁵

- Projects the Time Onto the Ceiling for Night Viewing
- Quartz-Controlled Accuracy
- AC Adapter for Continuous Use of Projection Lamp

Exclusive VoxClock® Talking Alarm Clock With Countdown Timer

39⁹⁵



- Announces Time on the Hour or at the Tap of A Button
- Countdown Timer Helps Keep You Organized—Perfect for Remembering Appointments



Know the time without having to look at the clock. 24-hour alarm with snooze control—tap the snooze bar and alarm shuts off for four minutes, and lights the projection lamp and display. 3 1/2 x 5 1/2 x 2 1/4". U.L. listed AC adapter. Requires two "AA" batteries. 63-790 34.95

No more stopping or squinting to read a clock! 24-hour alarm announces the time five minutes before sounding, then wakes you with a melody. Set the timer—it counts down the time at 10-minute intervals down to 10 minutes, then every minute until set time. Beautiful simulated walnut grain accents any desk. 2 3/8 x 2 7/8 x 2 7/8". Requires three "AA" batteries. 63-903 39.95

Cordless Table Alarm

14⁹⁵

Great for Vacation Homes



Features snooze button, sweep second hand, luminous hands and dial. 3 1/4 x 5 1/2 x 2 1/2". Requires "C" battery. 63-740 14.95

Square Cordless Wall Clock

19⁹⁵



Easy to read hands and numerals, sweep second hand. 10 3/4 x 10 3/4 x 1 1/2". Requires "AA" battery. 63-803 . . 19.95

Cordless Compact Wall Clock

14⁹⁵



7 1/2" dia. face with large hands and numerals, sweep second hand. Requires "AA" battery. 63-804 14.95

LCD Folding Travel Alarm

NEW LOW PRICE!

Was \$19.95
In 1984
Catalog

17⁹⁵

Fits in pocket or purse. Has 0.6" backlighted display, snooze control. Folds to 3 x 3 1/8 x 1 1/16". With battery. 63-705 . . 17.95

Micro LCD Travel Alarm

12⁹⁵

With snooze, backlighted display, stand. 1 1/2 x 2 1/4 x 7/32". With battery and pouch. 63-704. .12.95



Miniature Travel Alarm

10⁹⁵

Low-cost time-keeper. Luminous hands, sweep second hand, carrying pouch. 2 1/4 x 2 1/4 x 1 1/8". Requires one "AA" battery. 63-716 . . . 10.95

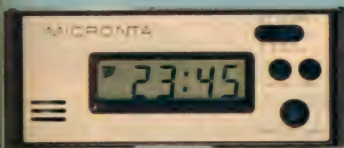


Anywhere® Alarm Clock

NEW LOW PRICE!

14⁹⁵

Was \$15.95
In 1984 Catalog



12 or 24-hour backlighted LCD display, snooze button. With slide-in bracket and double-sided tape. 1 5/8 x 3 1/4 x 1 1/2". With battery. 63-838 . . . 14.95

LCD Anywhere Digital

NEW LOW PRICE!

10⁹⁵

Was \$12.95
In 1984 Catalog



Mounts on car or boat dash, refrigerator, stove. With slide-in bracket, double-sided tape. 3 3/16 x 7 1/16 x 1 1/4". With battery. 63-836 10.95

Stick-on LCD Calendar Clock

NEW '85 FOR

3⁸⁸

With 15-Minute Timer

Perfect for timing phone calls. Mounting tape and battery. 1 1/2 dia. x 5/8". 63-840 3.88



TAKE CONTROL WITH RADIO SHACK RC VEHICLES

Z-707 Battle Iron Claw For Action-Grabbing Fun



**NEW '85
FOR**
49⁹⁵

Soft-Grip Pinchers Let You Pick Up,
Carry and Release Small Objects

Step into the future and take command of this advanced battle machine. High-intensity searchlight scans the terrain ahead. Requires four "C", two 9V batteries. 15" long. 27 MHz. 60-3099 49.95



High-Performance Porsche 944 Racer



**NEW '85
FOR**
29⁹⁵

- Multi-Function Remote Control
- Detailed, Authentic Styling
- Race Against the Clock!

Get set for fast-paced fun! Highly responsive controls for high-speed racing action. Requires four "C" and two 9V batteries. 11" long. 27 MHz. 60-3096 29.95



Chevy Pickup for Loads of Adventures



**NEW '85
FOR**
14⁹⁵

- Includes Rollbar ■ 1/20-Scale
- Easy to Control for Hours of Action-Packed Adventure

Exciting off-road action! Authentically styled truck tackles the toughest terrain and keeps on going. Requires four "AA" and two 9V batteries. 9" long. 27 MHz. 60-3093 14.95



WW-II Tank With Search Light



39⁹⁵

- Authentic Styling ■ Action Sound
- Search Light Scans Terrain Ahead

A scaled down model of the renowned Sherman tank. Moves and sounds just like the real thing. Climbs 45° inclines. Requires three "C" and two 9V batteries. 13" long. 27 MHz. 60-3098 39.95



Highway Patrol Cycle



29⁹⁵

Banks Into
Turns Like
Real
Motorcycles

Two-wheeled racing action! With removable rider. Requires six "AA," one 9V battery. 11 1/2" long. 27 MHz. 60-3091 29.95



Command This U.S. Army Jeep



14⁹⁵

Moveable
Gun

Detailed jeep holds action-figures for "real" simulated action. Requires four "AA," two 9V batteries. 8 3/4" long. 27 MHz. 60-3087 14.95



Combat Battle Tank



24⁹⁵

Great Fun
Both Indoors
And Outdoors

A realistic-looking tank for action-packed battlefield adventure! Easy to use "steering wheel" controls. Requires three "C", two 9V batteries. 8 1/2" long. 49 MHz. 60-3069 24.95



Outer-Space RC Robot



19⁹⁵

Inflatable
"Metal-Look"
Vinyl

Over 36" tall

Command him to move at the touch of a button. Requires four "C", two 9V batteries. 27 MHz. 60-3023 19.95



Sleek Porsche 928 Racer



11⁹⁵

- Enjoy Hours of High-Speed Racing
- Detailed, Authentic European Styling

When the green flag drops, GO! Hand-held transmitter is your "steering wheel" for moving and maneuvering. Requires four "AA," two 9V batteries. 9" long. 27 MHz. 60-3041 11.95



Prices Apply at Participating Radio Shack Stores and Dealers

ENTERTAINING ELECTRONICS FROM THE SHACK®

Constellation Finder for Stargazing Enjoyment



NEW FOR '85

12⁹⁵

- Educational Fun For the Whole Family
- Operates on the Same Principle as Full-Scale Planetariums

Learn basic astronomy while identifying the constellations in the night sky. Projects a grouping of stars on your ceiling allowing you to locate and recognize up to 31 different constellations. With instructions, exercises and star charts. Requires two "C" batteries. 8³/₄ x 9¹/₄". 60-2325 ... 12.95

"The Race is On" With These Sleek Camaros



NEW FOR '85 **19⁹⁵** Each

Operate on Two Different Frequencies

Authentically styled racers that really fly across the racetrack. Each require three "AA," two 9V batteries. 8" long.

- A Camaro. 27 MHz. 60-3094 ... 19.95
- B Camaro. 49 MHz. 60-3095 ... 19.95



The Armatron™ Robot Arm! Challenging and Creative Enjoyment for the Entire Family



31⁹⁵

ROBOTICS AGE



"It is addictive after you first flip the power switch. If you buy one for yourself, either get another for the kids or don't let them see it."

Robotics Age Magazine, Copyright 1982

Manipulate It to Execute "Hazardous" Scientific Experiments in Your "Lab", Add Cream and Sugar to Your Coffee—Even Move Game-Board Pieces

Armatron works like real, industrial robots. Two joysticks activate all its motions for total command—rotate them in the proper direction and it will give you the movement necessary to grip, pick up, rotate, move and release. The rubber-coated pinchers are designed for secure gripping. You can compete with Armatron, too. Just use the Energy Level Meter as a countdown timer and test your skill against an opponent. Includes globe modules, cannisters and cones for exercising delicate operations. Requires two "D" batteries. 14" high at maximum arm extension. Base, 8¹/₄" wide and 6¹/₂" long. 60-2364 ... 31.95

Digital Proportional Racers For Hours of Action

Respond Directly to Your Commands

59⁹⁵

Our best radio-controlled vehicles! Authentically styled racers that move just like the real thing.

C **Porsche 935.** Grab the wheel and fasten your seat belt for a race to the finish! Requires ten "AA," five "C" batteries. 14" long. 27 MHz. 60-3063 ... 59.95

D **Jeep® Renegade®.** With three gear levels for climbing, driving and racing. Requires four "C," six "AA," one 9V battery. 13¹/₂" long. 27 MHz. 60-3089 ... 49.95

E **Porsche 924.** High-speed racing action. Fingertip controls, speed and steering trim adjustments. Requires six "AA," one 9V battery. 11¹/₂" long. 27 MHz. 60-3097 ... 39.95

Jeep and Renegade are registered trademarks of Jeep Corporation and are used with its permission.

49⁹⁵

39⁹⁵



NEW FOR '85



Use Dependable Radio Shack ENERCELL® Batteries in All Your Toys and Games

TANDY® GAMES OF SKILL—A CHALLENGE FOR ALL

Computerized Portable Sensory Chess



59⁹⁵

- Nine Different Levels of Play
- Memory Stores Unfinished Games
- Endorsed by the World Chess Federation

Tandy 1650 Chess. For beginners or advanced players. Lets you set up positions and problems for analysis, even ask the computer for "move" suggestions. LEDs indicate piece positions. $1\frac{1}{2} \times 7\frac{3}{8} \times 4\frac{5}{16}$ ". Requires three "AA" batteries. 60-2187 59.95

Sensory Chess With Fast Response Time



79⁹⁵

- Nine Levels of Competition
- Retains Positions in Memory
- Endorsed by the World Chess Federation

NEW FOR '85

Tandy 1650 Table Chess. Powerful computerized play for modern chess enthusiasts. Sensitive playing board with LED position indicators. Full takeback and setup capabilities. AC adapter jack. $\frac{5}{8} \times 11\frac{1}{4} \times 9\frac{1}{4}$ ". Requires four "AA" batteries. 60-2194 79.95



Pilot the Skies in Cobra Super Copter

NEW FOR '85 39⁹⁵

- Four Levels of Play
- Five Challenging Mazes
- Fluorescent Color Screen

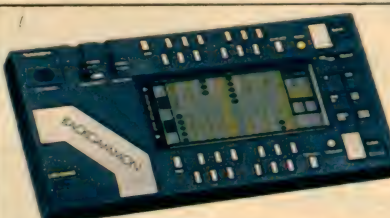
Your mission—destroy enemy missiles and fuel tanks while avoiding flying meteorites. Help comes from finger-operated control stick and buttons to add up points to 9999. $4\frac{1}{2} \times 9\frac{1}{4} \times 7\frac{3}{8}$ ". Requires four "C" batteries. 60-2192 39.95

Tandy-12 Electronic Game Arcade

- 12 Games in One
- Easy-Punch Buttons
- Loud Musical Tones

19⁹⁵

"Batter-up" with baseball, gamble with casino roulette, fire torpedoes to sink enemy ships, and more. Requires 9V battery and four "C" batteries. $2\frac{1}{4} \times 9\frac{3}{4} \times 7\frac{1}{4}$ ". 60-2159 19.95



LCD Computer Backgammon

NEW LOW PRICE

39⁹⁵

Was \$59.95 in 1984 Catalog
Full LCD Board

For beginners or advanced players. Pushbutton controls. Computer rolls at random or use regular dice, included. Keeps game scores. $7\frac{1}{8} \times 8\frac{5}{16} \times 4\frac{1}{8}$ ". Requires four "AA" batteries. 60-2188 . . . 39.95

Win Aerial Battles With 3-D Sky Duel

NEW FOR '85 29⁹⁵

- 3-Dimension Graphics
- Exciting Sound Effects
- Pushbutton Controls

Score points by shooting down enemy fighter planes. $2\frac{5}{8} \times 8\frac{1}{4} \times 5\frac{1}{4}$ ". Requires three "AA" batteries. 60-2195 29.95



Jump the Hurdles With LCD Track Star

NEW FOR '85

17⁹⁵

- Tap the Run Buttons To Race Down the Track
- Works Just Like The Arcade Game

Two different fast-paced games: 100-meter dash and 110-meter high hurdles. $4\frac{5}{8} \times 2\frac{13}{16} \times 7\frac{1}{16}$ ". Batteries included.

60-2191 17.95



Zap! Electronic LCD Pocket Game

NEW FOR '85

12⁹⁵

Points stack up by zapping oncoming aliens as they leave their spaceship. Two levels of play. Battery included. $4\frac{3}{16} \times 2 \times 7\frac{1}{16}$ ".

60-2190 12.95



Pocket-Repeat

The Memory Game You Can Take Along

10⁹⁵

Plays random series of notes—you must play them back in the same order or you lose. Plays two different games. $1\frac{5}{16} \times 3\frac{1}{8} \times 3\frac{1}{8}$ ". Requires 9V battery.

60-2152 10.95



Use Dependable Radio Shack Batteries for Your Electronic Games

MORE GREAT VALUES FOR HOURS OF ENJOYMENT

Archer Space Patrol® Walkie-Talkies

No
License
Required



A 19⁹⁵ Pair
B 9⁹⁵ Each
C 15⁹⁵ Each
D 18⁸⁸ Pair

NEW '85

- All Operate on 49.8 MHz
- Handy Communications Indoors or Out

A With Headset. Great for hiking, camping, fishing or on trips. With rotary power on-off/volume control. Features built-in headset with microphone, push-to-talk button and belt clip. $4 \times 2\frac{9}{16} \times 1\frac{1}{8}$ ". Requires two 9V batteries. 60-4011 Available Sept. 30 . . . Pair 19.95

B Standard. Buy a pair for outdoor adventures or to keep in touch on trips—talk or send Morse Code. Code alphabet on front panel. Flexible antenna and two controls: on/off switch, lock/on talk button. $5\frac{1}{16} \times 2\frac{5}{8} \times 4\frac{1}{4}$ ". Requires 9V battery. 60-4005 . . . Each 9.95

C With AM Radio. Two radios in one for double fun! Features on-off/volume control, AM tuning, plus locking talk button, Morse Code key, code alphabet on front panel, flexible antenna, carry strap. $6\frac{1}{2} \times 3 \times 1\frac{7}{16}$ ". Requires 9V battery. 60-4003 . . . Each 15.95

D Micro-Thin. Compact enough to fit in a shirt pocket and will go where you go. Features ultra-sensitive super-regenerative receiver, $1\frac{1}{2}$ " speaker, push-to-talk button, telescoping antenna. $5\frac{5}{16} \times 1\frac{3}{4} \times 7\frac{1}{8}$ ". Requires two 9V batteries. 60-4004 . . . Pair 18.88

Sing-A-Long AM Radio

NEW '85

11⁹⁵

Listen to AM radio or use the amplifier and hand-held microphone to make announcements or sing-a-long. $5\frac{3}{8} \times 7 \times 2\frac{3}{8}$ ". Requires 9V battery. 60-1064 . . . 11.95



Wireless FM Mike—Be an Announcer

6⁹⁵



Talk or sing over any standard FM radio. Tune to a blank spot on the FM band and you're on the air. A great gift for kids. Includes built-in antenna. $8\frac{3}{4}$ " long. Requires two "AA" batteries. 60-2109 . . 6.95

Electronic Programmable Organ

19⁹⁵

Plays Back Up
To 98 Note
And Space
Combinations



Features manual play with 22 keys and "space" key. With eight pre-programmed songs, song book and easy-to-read manual. $1\frac{3}{4} \times 13\frac{3}{4} \times 6\frac{1}{4}$ ". Requires six "AA" batteries. 60-1022 . . . 19.95

Electronic Intercom Telephone System

NEW '85

12⁹⁵ Pair

Two-Way Intercom
System With
Reliable
Amplification



Share your latest news or secrets with a friend. With built-in speakers, buzzer call buttons, 30' cord and on/off switch on panel. $8 \times 2\frac{7}{16} \times 1\frac{5}{16}$ ". Requires two 9V batteries. 60-2365 . . . Pair 12.95

ArcherKit®—Solder Kits for Advanced Hobbyists

E 7⁹⁵



F 19⁹⁵



G 29⁹⁵



H 12⁹⁵



E 6-Range Multitester. Pocket-sized. 1000 ohms/volt DC. Measures to 1000V, AC and DC, in 6 ranges. DC current to 150mA, resistance to 100,000 ohms. With leads. $3\frac{1}{2} \times 2\frac{5}{16} \times 1\frac{1}{8}$ ". Requires "AA" battery. 28-4012 . . . 7.95

F 25-Range Multitester. Mirrored scale. 20,000 ohms/volt DC sensitivity. Measures to 1200V, AC and DC, in 12 ranges, DC current to 60 μ A, and 0-300 mA in 3 ranges, resistance to $R \times 1000$. With leads. $5\frac{1}{2} \times 3\frac{15}{16} \times 1\frac{7}{16}$ ". Requires "AA" battery. 28-4013 . . . 19.95

G 43-Range Multitester. 50,000 ohms/volt DC. Range Doubler switch for high accuracy. Measures to 1000V, AC and DC, in 28 ranges. DC current to 10A in 10 ranges, resistance to $R \times 10,000$ ohms, dB from -20 to +62. With leads. $6\frac{5}{8} \times 4\frac{13}{16} \times 1\frac{15}{16}$ ". Requires one "AA" and one 9V battery. 28-4014 . . . 29.95

H Portable AM Radio. Printed circuit boards for easy assembly. Earphone jack. With instructions. 540-1600 kHz. $3\frac{1}{4} \times 5\frac{1}{4} \times 1\frac{1}{2}$ ". Requires 9V battery. 28-4029 . . . 12.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

SAFE, SOLDERLESS SCIENCE FAIR® HOBBY KITS

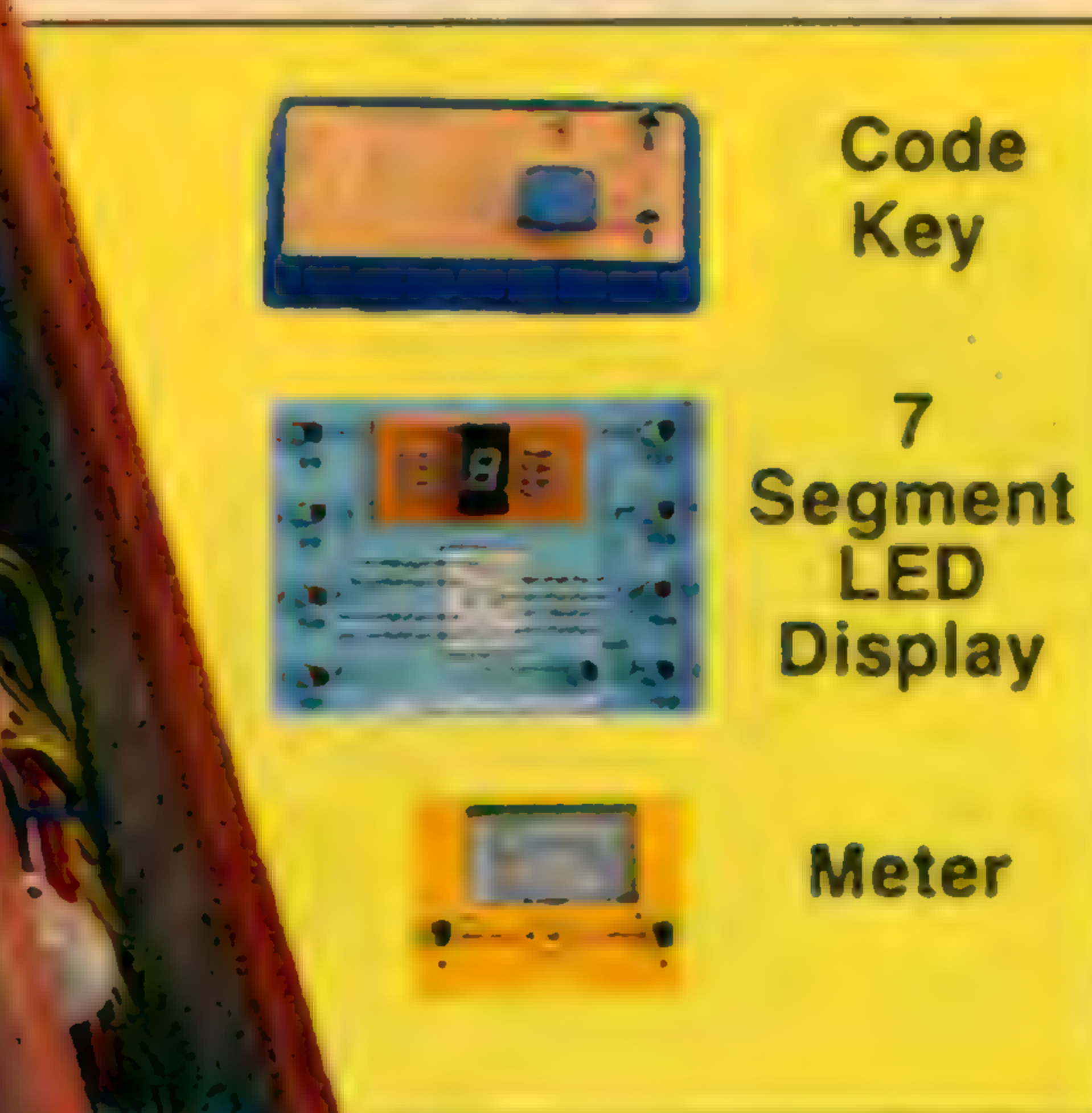
Increase Your Knowledge With 160 Electronic Projects

29⁹⁵

- Start a Hobby in Electronics
- Includes Everything You Need to Work All Projects Featured in Kit
- Built-In Speaker ■ 7 Solar Cells

Build radios and learn about solar telemetry. Experiment with simple computer circuits, a flip-flop lamp flasher, even produce electronic sound effects. Parts are pre-mounted with coil-spring assembly. All projects are solar or battery powered. Requires one 9V and two "AA" batteries.

28-258 29.95



Includes 186-Page Lab Manual

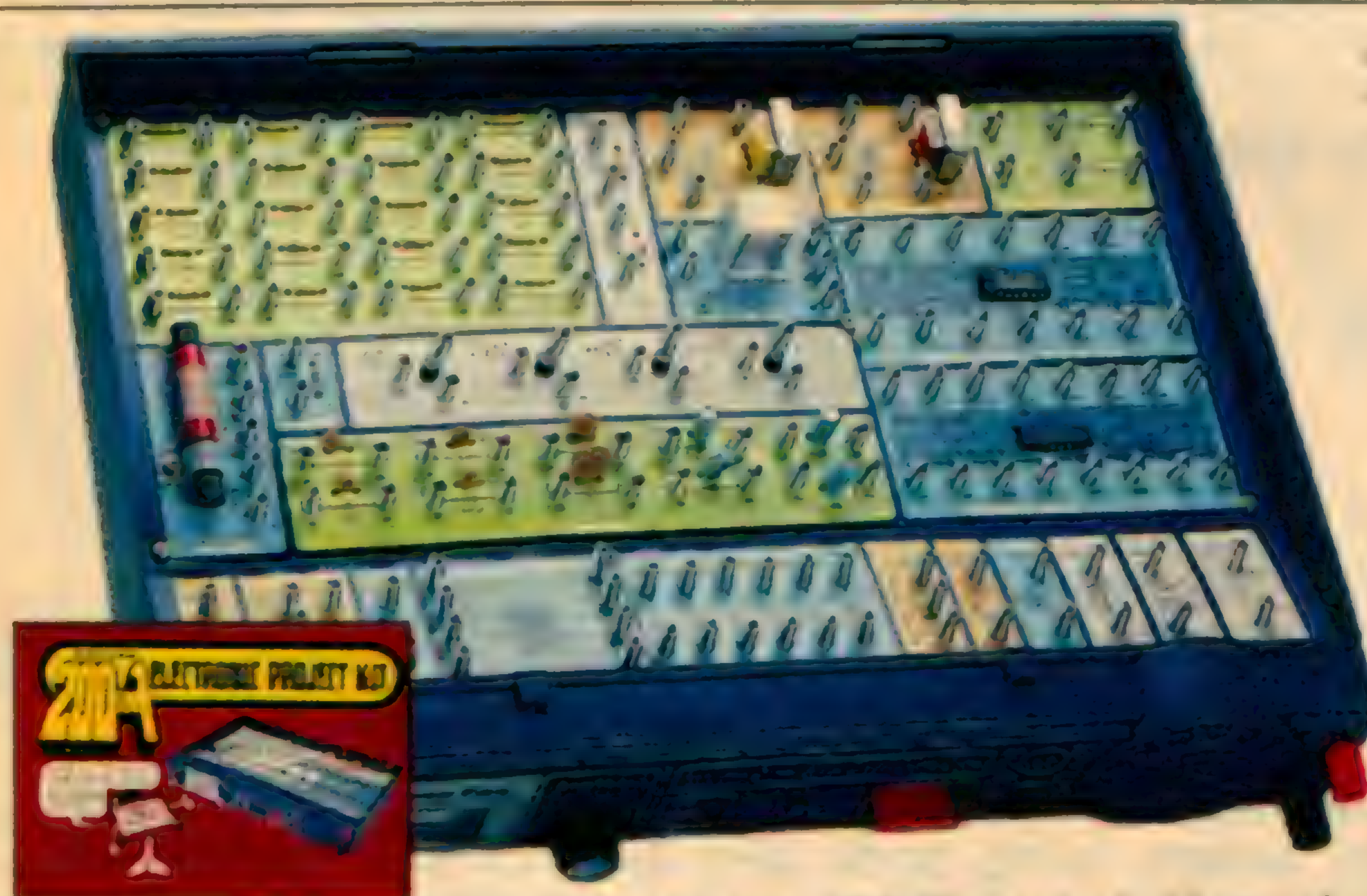
200-Project Lab

44⁹⁵

- 7-Segment LED
- Two Integrated Circuits
- Voltage Meter

Our biggest! Build a burglar alarm, telegraph, AM broadcast station, digital timer, more. Molded case with dust cover and out-front controls and speaker. Requires six "AA" batteries.

28-249 44.95



Includes 128-Page Lab Manual

Discover Solar Power

14⁹⁵

Have Fun With the Power of the Sun

Solar cells power most projects: radios, a light-activated alarm, electronic storage tank, and others. Coil-spring assembly. Requires 9V battery. 28-255 14.95



50-Project Lab

19⁹⁵

Includes Lab Manual

Finished Wood Workbox With Pre-Mounted Parts

Stimulates young minds. Build a radio, telegraph, Morse code system, and more. Work with transistors, diodes, resistors and capacitors. Coil-spring assembly. Requires two "AA" and one 9V battery. 28-227 .. 19.95

154



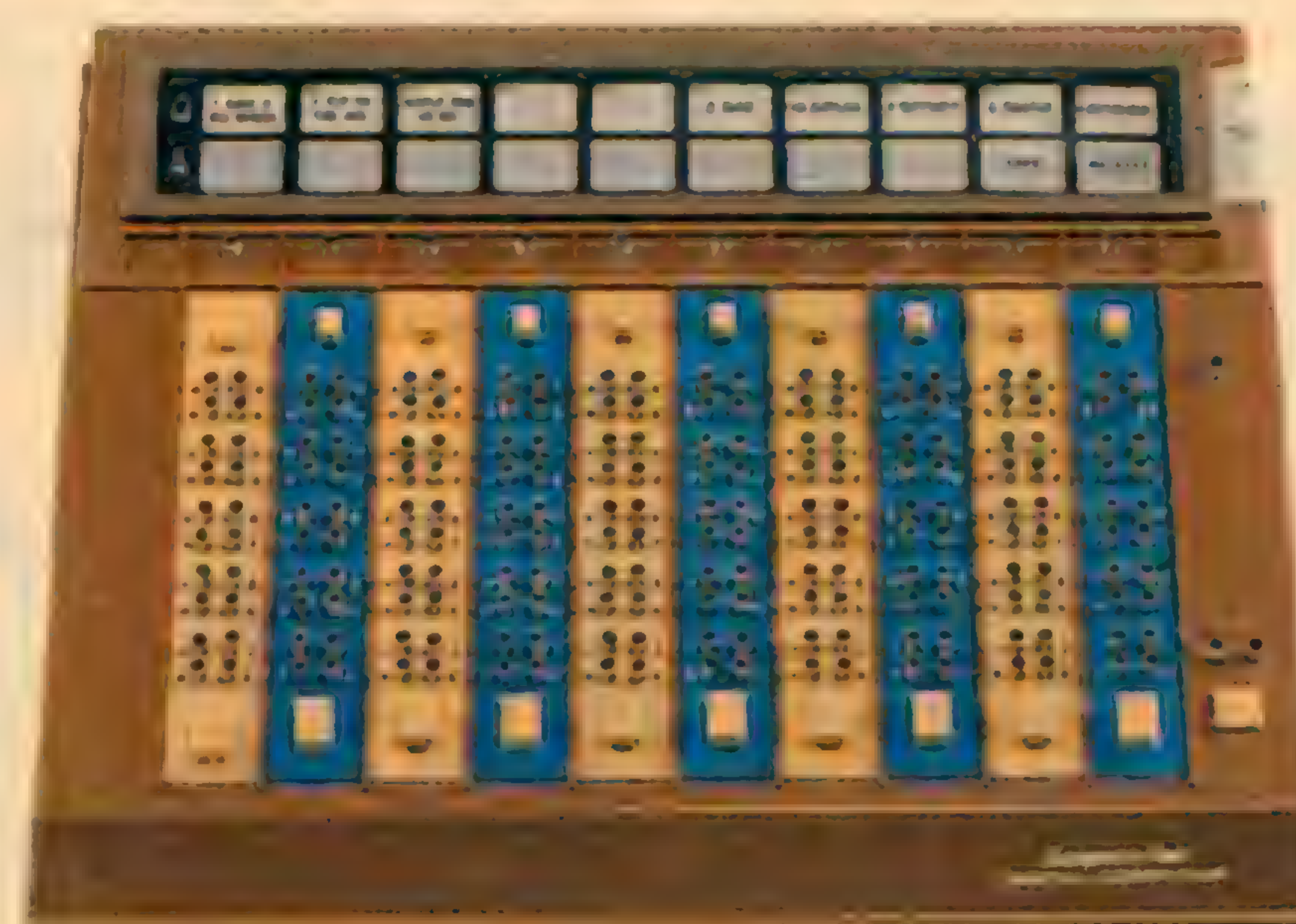
Digital "Computer" Kit

26⁹⁵

100 Exciting Projects

Learn about programming and binary math by working with your own computer circuits. Ten control switches and lighted display panel. Coil-spring assembly. Includes illustrated 68-page manual. Requires three "C" batteries.

28-218 26.95



Crystal AM Radio Kit

4⁹⁵

No tubes, transistors or batteries. Like the very first radios, a crystal converts RF to audio. With earphone. 28-219 4.95



Transistor AM Radio Kit

6⁹⁵

Listen to local stations. Tunes entire 550-1600 kHz band. With earphone. Requires 9V battery. 28-229 6.95



Radio Shack/CitiLine, American Express, Mastercard and Visa Honored at Most Radio Shack Stores

THE FUN AND EASY WAY TO LEARN ELECTRONICS

Start a Career in Technology With The Science Fair® Microcomputer Trainer

**NEW '85
FOR**

29⁹⁵

Includes 180-Page Programming Manual
With 100 Exciting Programs to Run

- Learn Assembly Language Programming
- Explains Binary and Hexadecimal Math
- Includes Seven Preprogrammed Games
- 20 Control Switches ■ LED Display



An inexpensive and fun way to get started in computers! Features a central processing unit and hexadecimal input keyboard. Command codes and subroutines are listed on the molded case. Has both a binary and hexadecimal LED output. Built-in audio amplifier and speaker. Clock timing circuit. Coil-spring assembly. Requires six "AA" batteries. 28-260 29.95

AM Radio Broadcast Kit

7⁹⁵

10-in-1 Electronics Lab

9⁹⁵

Build a water detector, code system, "and," "or" and flip-flop computer circuits. Requires 9V battery. 28-160 9.95

5-Transistor AM Radio Kit

**NEW '85
FOR**

12⁹⁵

Listen to local AM stations on a radio that you built yourself. Pre-assembled tuner. With volume control, speaker and earphone. Requires 9V battery. 28-253 12.95

AM/FM Radio Kit

12⁹⁵

VHF Radio Kit

9⁹⁵

Police bands vary. Check for local frequencies.

Police, aviation, weather. 108-135/148-174 MHz. Earphone included. Requires 9V battery. 28-221 9.95

Electronic Organ Kit

12⁹⁵

With 18 Keys Including Sharps and Flats

Build a tunable organ that plays natural and chromatic musical scales. Built-in speaker. With song book. Requires 9V battery. 28-251 12.95

All About Aviation

19⁹⁵

30-Project Kit

14⁹⁵

Construct a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Requires two "AA" batteries. 28-161 14.95

Radio Shack—64 Years of Value, Service and Reliability

ENERCELL® BATTERIES—POWER FOR EVERY PURPOSE



A 1.5V "C" Cell
B 9V Rect.
C 1.5V "AAA" Cell
E 1.5V "N" Cell
D 1.5V "AA" Cell

Dependable Alkaline Batteries for The Long-Lasting Power You Need

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life ■ High Output at Low Temperatures
- Anti-Corrosion Contacts ■ Steel-Clad and Insulated

Each of our exclusive alkalines delivers top performance even under high current drain and retains full power during long-term storage. For all standard uses.

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
A	"C"	814	E93	MN1400	23-551	Pkg. 2/2.49
B	9V Rect.	A-1604	522	MN1604	23-553	Each 1.99
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/2.99
E	"N"	810	E90	MN9100	23-023	Pkg. 2/1.49
F	"D"	813	E95	MN1300	23-550	Pkg. 2/2.49



G 1.5V "D" Cell
H 1.5V "C" Cell
J 9V Rect.
K 1.5V "AA" Cell
L 1.5V "AAA" Cell

ENERCELL Extra-Life Batteries for Heavy-Duty Applications

- "Miracle Seal" Provides Greater Leak Protection
- Up to 3 Years Shelf Life ■ Rigid Steel Case
- Stock up Now—Be Prepared for Emergencies

These heavy-duty Extra-Life cells outperform "regular" batteries and their specially-processed electrolyte core provides a longer service life. That means fewer replacements!

Fig.	Cell Type	Replacement for		Cat. No.	Price
		Ray-O-Vac	Eveready		
G	"D"	6D	1250	23-580	.55
H	"C"	4C	1235	23-581	.55
J	9V Rect.	D1604	1222	23-583	.99
K	"AA"	5AA	1215	23-582	.45
L	"AAA"	400	912	23-584	.35



One of America's Favorite Batteries! Millions Sold Every Year!

M 6V Lantern
N 1.5V "D" Cell
O 1.5V "C" Cell
P 9V Rect.
Q 1.5V "AA" Cell

General-Purpose Batteries

- Cost Less Than Most Brands
- Protected Against Leakage
- Always Fresh and Strong

Our most popular batteries! Compare and you'll see what a great value they really are.

Fig.	Cell Type	Replacement for		Cat. No.	Price
		Eveready	Ray-O-Vac		
M	6V	509	941	23-006	2.89
N	"D"	950	13	23-466	.34
O	"C"	935	14	23-467	.34
P	9V Rect.	216	1604	23-464	.59
Q	"AA"	915	15	23-468	.27

Get Your FREE Battery Card!



Up to \$7.08 Value

Join our Battery-A-Month Club and get one General-Purpose ENERCELL "D," "C," "AA" or 9V battery each month for a year! Nothing to buy, no obligation! Come in for your card.

Good at participating Radio Shack stores and dealers. 6V lantern battery excluded.

SAVE MONEY WITH ENERCELL RECHARGEABLES

Nickel-Cadmium Batteries Recharge Over and Over Again

- Keep Working Long After Other Batteries Have Worn Out
- Steel-Clad and Insulated for High Reliability
- Choose From Five Popular Sizes ■ Stock Up Now

Don't waste money on ordinary batteries—ENERCELL nickel-cadmium batteries can be recharged time and again with our inexpensive chargers. Start using the most efficient source of reusable power available! *Applications.

Fig.	Cell Type	Replacement for			Cat. No.	Pkg. of 2
		Eveready	GE	Duracell		
A	"D"	CH1.2D	GC3	NC 13D	23-123	6.29
B	"AA"	CH500	GC1	NC15AA	23-125	4.49
C	"C"	CH1.2 C	GC2	NC14C	23-124	6.29
D	9V*	CH22BP	GC9B	NC169VB	23-126	9.95 Each
E	"AAA"	...	...	...	23-127	4.39



A 1.25V "D" Cell

B 1.25V "AA" Cell

C 1.25V "C" Cell

D 9V Rect.

E 1.25V "AAA" Cell



Our Best Battery Charger

29⁹⁵

Batteries not included

Automatically Regulated Charging Rate

Charge up to ten "C", "D" or "AA" batteries at a time in any combination of twos. Also charges up to three 9V cells. LEDs show when system is charging. U.L. listed. 23-134 29.95

Nickel-Cadmium "AA" & "AAA" Charger

NEW FOR '85

Batteries not included

10⁹⁵

Charges Up to 6 Batteries



Automatically regulated. Charges cells in 14 to 16 hours. See-through cover. U.L. listed. 23-136 Avail. Oct. 30 10.95

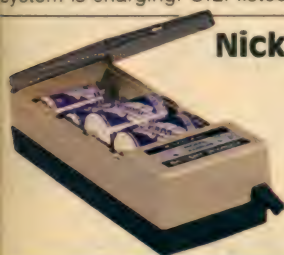
Transistor Battery Charger

3⁹⁵

Battery not included



Recharges 9V nickel-cadmium batteries only. U.L. listed. 23-131 3.95



Nickel-Cadmium Charger

12⁹⁵

Batteries not included

For use with "D", "C", "AA" and 9V batteries. Recharges two batteries of different sizes at the same time. U.L. listed. 23-132 12.95



Archer® "AA" Battery Charger

6⁹⁵

Batteries not included

Lets you recharge two or four "AA" size nickel-cadmium batteries at the same time. U.L. listed. 23-133 6.95

Charger Module

1⁹⁵

Battery not included



Holds one nickel-cadmium "AAA" cell. Fits 23-132 and 23-134 chargers. 23-135 Pkg 4/1.95

Archer Home Battery Charger

Charges Two Or Four Regular or Extra-Life Batteries

12⁹⁵

Batteries not included

Power Indicator

Charges all popular sizes: "C", "D", "AA" and 9V. Cannot overcharge. For General-Purpose and Extra-Life batteries only. 2 1/4 x 8 1/2 x 3 3/4". U.L. listed. 23-120 12.95

8-Range Battery Tester

9⁹⁵

With Leads For Testing Non-Standard Batteries



Measures under actual "load" conditions. Ranges: 1.5 (1mA and 150 mA)/3/6/9/12/15/22.5 volts. For carbon-zinc, alkaline, mercury, silver oxide, nickel-cadmium and lithium cells. 22-031 9.95

Battery Checker

For D/C/9V/AA AAA/N Sizes

6⁹⁵

For zinc carbon, alkaline, mercury and nickel-cadmium batteries. 22-096 6.95



"Radio Shack" Battery Checker

3⁹⁹

For 9V "transistor", 1.5V "C", "D", "AA" and "AAA" sizes. With meter. 22-098 3.99



USE RADIO SHACK BATTERIES FOR RELIABLE POWER



ENERCELL® Watch and Calculator Batteries

- Extra Protection Against Leakage
- Keep Working Harder and Longer

These ENERCELL batteries will power your watch or calculator a long, long time before replacement is required! Store at room temperature for longer use than ordinary batteries.

Maximum-Performance Alkaline Calculator Batteries

Only
89¢
Each

Maximum protection from leakage through exclusive sealing design. Long-life design keeps your calculator running at peak performance. 1.5 volts.



Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357/10L14	G13, 541	23-009	2.29
389	389	RW49	D389/10L122	G10, V10GS	23-101	1.49
392	392	RW27/47	D392/10L125	G3, 547	23-102	1.29
393	393	RW28/48	D393/10L123	G5, 546	23-103	1.49
303	303	...	D303/WS14	GS14, 521	23-104	2.29
357	357	RW22/42	D357/10L14	G13, 541	23-105	2.29
386	386	RW24/44	D386/10L124	G12, 548	23-106	1.69
391	391	RW40	D391/10L130	G8, V8GS	23-107	1.39
323	323	RW58	D323, WH6	Type C, 506	23-108	1.19
343	343	RW56	D343, WH8	Type B, 509	23-109	1.19
362	362	RW310	D362	Type S, 532, SR721	23-110	1.39
364	364	RW320	D364	Type T, 531, SR621	23-111	1.39
396	396	RW411	D396	Type V, 556, SR726	23-112	1.39
399	399	RW413	...	Type W, 543, SR926	23-113	1.39
P675	EP675	RP675	MP675	8107, M13	23-1521	Pkg. 2/1.59

Radio Shack	Replaces			Cat. No.	Each
	Eveready	Ray-O-Vac	Maxell		
357A	A76	RW82	LR44	23-115	.89
386A	186	RW84	LR43	23-116	.89
389A	189	RW89	LR1130	23-117	.89
391A	191	...	LR1120	23-118	.89

Pager Battery



NEW FOR **'85**

1⁶⁹

Zinc-Air technology makes it last twice as long as other electrolytes. Shelf life loss is less than 2% of ordinary types. 1.45 volts. 23-150 Pkg. of 2/1.69

Hearing Aid Batteries

Each mercury battery passes over 20 quality checks, your assurance of dependability. 6 per pkg. 1.4 volts.



Radio Shack	Replaces			Cat. No.	Price
	Eveready	Ray-O-Vac	Duracell		
P675M	EP675	RP675	MP675H	23-145	Pkg. 6/2.99
13M	E13E	R13	RM13	23-146	Pkg. 6/2.89

Watch and Calculator Batteries

- Lithium ■ Longer Shelf Life
- Superb Leakage Resistance

A breakthrough in lightweight, high-voltage, high energy-density power. 3 volts.



Radio Shack	Replaces			Cat. No.	Each
	GE	Eveready	Duracell		
CR2016H	CR2016	E2016	DL2016	23-160	1.79
CR2025	CR2025	E2025	DL2025	23-161	1.79
CR2032	CR2032	E2032	DL2032	23-162	1.79
CR2320H	...	E2320	...	23-163	1.79

The Shack's Your Headquarters for "Hard-to-Find" Batteries

Portable Lantern

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Eveready	Dura-Cell		
A	12	926	732	M926	23-007	10.39
B	6	944	1209	M918	23-016	4.49



Transistor Radio

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Eveready	Dura-Cell		
C	22.5	221	505	M505	23-510	4.29
D	1.5	716-4	904	910F	23-574	.29



Smoke Alarm

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Eveready	Dura-Cell		
E	12.6	...	304116	304116	23-670	10.95
F	11.2	...	E431BP	TR431	23-671	10.95



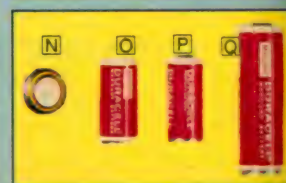
Photo/Lighter

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Eveready	Dura-Cell		
G	1.4	T640-1	E640	RM640	23-1515	2.19
H	12.0	...	...	...	23-144	.89
J	6.0	...	A544	PX28L	23-469	3.79
K	5.6	...	E164	PX32B	23-463	4.95
L	1.35	...	EPX13	PX13B	23-470	1.99
M	6.0	867	539	7K67	23-471	3.29
N	1.35	T625N	E625	RM625	23-462	1.49



Specialty

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O Vac	Eveready	Dura-Cell		
O	7.0	T175	E175	TR175	23-601	4.59
P	1.4	T401	E401	RM401	23-660	1.49
Q	4.2	T133	E133	TR133	23-1523	6.39



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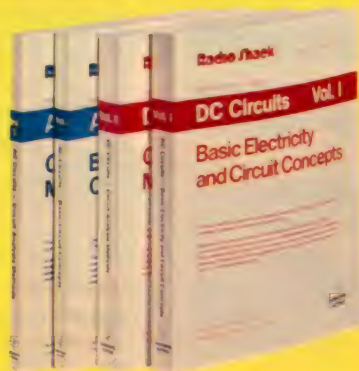
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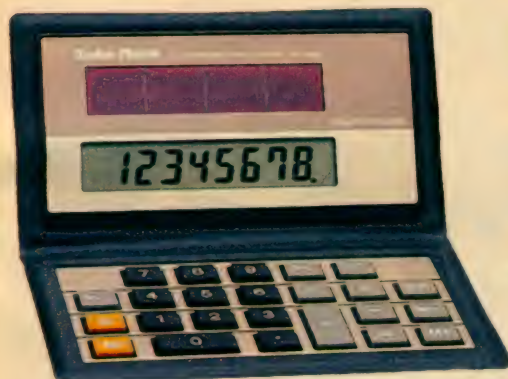
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LCD SOLAR CALCULATORS NEVER NEED BATTERIES

Large Folding Horizontal Style



NEW FOR '85

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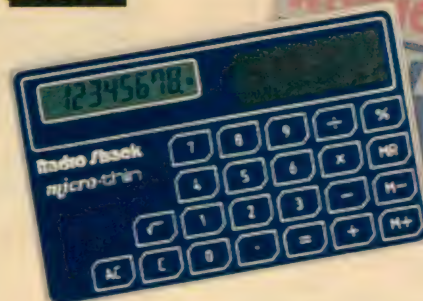
- 3-Key Memory
- Plus/Minus Sign Change Key

Available Sept. 30, 1984

Radio Shack EC-409. All you need is light! Oversized keys and display make it easy to use. Auto-constant lets you repeat numbers and operations. Square root and percent keys. 8-digit display. $4\frac{15}{16} \times 2\frac{27}{32} \times \frac{9}{16}$ ". 65-907 19.95

Micro Thin™ Credit-Card Size

NEW FOR '85



14⁹⁵

- Only $\frac{1}{16}$ " Thick
- Touch-Sensitive—No Bulky Keys

Radio Shack EC-408. Fits in credit card holder in "coat-style" wallet or purse. Features 3-key memory, auto-constant, square root and percent keys. 8-digit display. $2\frac{1}{8} \times 3\frac{3}{8} \times \frac{1}{16}$ ". 65-906 14.95

Folding Wallet Type



NEW FOR '85

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- Slim & Compact
- Smooth-Touch Face

Radio Shack EC-410. Features 3-key memory, auto-constant, square root and percent keys. 8-digit display. Attractive leatherette case. $3\frac{7}{8} \times 1\frac{1}{4} \times 2\frac{3}{8}$ ".

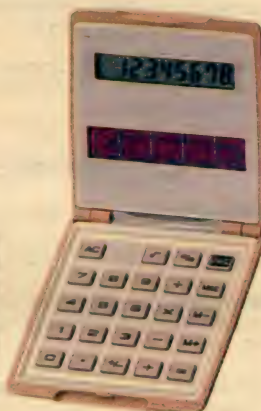
Available Sept. 30, 1984

65-908 14.95

Folding "Ladies Compact"

19⁹⁵

Fits Easily In Purse



Radio Shack EC-404. Features a 3-key memory, auto-constant, \pm sign change, square root and percent keys. 8-digit display. $2\frac{5}{8} \times 2\frac{1}{2} \times \frac{3}{8}$ ".

65-902 19.95

Deluxe Full-Size Solar

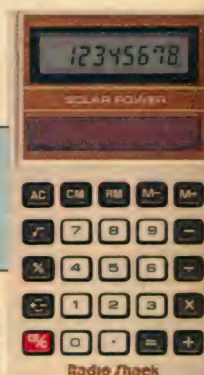
17⁹⁵

4-Key Memory

Billfold Case



Radio Shack EC-402. Features auto-constant for repeating operations, \pm sign change, square root and percent keys. 8-digit display. $4\frac{7}{16} \times 2\frac{9}{16} \times 1\frac{1}{4}$ ". 65-689 ... 17.95



Pocket Metric Conversion

17⁹⁵



Billfold Case

40 Metric Conversions

Radio Shack EC-316. Converts from standard to metric, or reverse. Features 3-key \pm sign change, square root and percent keys. 8-digit display. $4\frac{1}{16} \times 2\frac{15}{16} \times 1\frac{1}{4}$ ". 65-926 17.95

memory, auto-constant, square root and percent keys. 8-digit display. $4\frac{1}{16} \times 2\frac{15}{16} \times 1\frac{1}{4}$ ". 65-926 17.95

Pocket-Size Solar Card

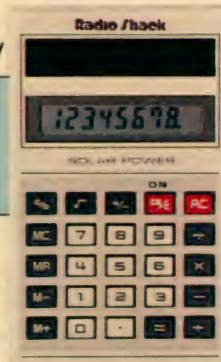
9⁹⁵

4-Key Memory

Billfold Case



Radio Shack EC-405. Auto-constant for repeating operations, \pm sign change key, square root and percent keys. 8-digit display. $3\frac{15}{16} \times 2\frac{3}{8} \times \frac{5}{16}$ ". 65-903 9.95



Horizontal Card-Size

9⁹⁵

- Full 4-Key Memory
- Auto-Constant

Card Case

Radio Shack EC-406. Get instant calculations anywhere—all you need is light! Features square root and percent keys. 8-digit display. $2\frac{5}{16} \times 3\frac{7}{8} \times 1\frac{1}{4}$ ". 65-904 9.95



Solar Power Calculations Are Not Lost by Momentary Interruptions of Light

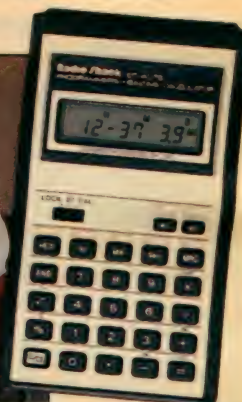
LCD CALCULATORS FOR SPECIAL APPLICATIONS

Programmer's Hexadecimal and Time Conversion Calculator

NEW FOR '85

24⁹⁵

Instantly
Converts
Hexidecimal and
Decimal Numbers



Carry Pouch

Built-In Clock With A.M./P.M. Display, Hourly Chime, Alarm, Stopwatch, Countdown Timer and Calendar

Radio Shack EC-4075. This versatile tool performs hexadecimal and decimal calculations, plus conversions. Clock has time indications and alarm, four stopwatch functions, countdown timer with warning alarm. Also performs time calculations and conversions. Features 3-key memory, auto-constant, square root and percent keys. 8-digit display. Requires two "AA" batteries. $5\frac{3}{16} \times 2\frac{15}{16} \times 1\frac{1}{16}$ " 65-990 24.95

Handy Financial Calculator

27⁹⁵ Figures Interest, Annuities, Dates

Radio Shack EC-4051. Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and much more. Auto power-off, auto-constant, +/- sign change and percent keys. 10-digit display. With manual, battery. $5\frac{1}{4} \times 2\frac{13}{16} \times 5\frac{5}{16}$ " 65-995 27.95



Billfold Case

Feature-Packed Checkbook Calculator

19⁹⁵

Carry Pouch Also Holds Checks and Pen

Radio Shack EC-306. Features deposit, check, charge, payment and balance keys. Three separate memories for checking and credit card balances, auto constant, percent key. 8-digit display. $6\frac{1}{16} \times 2\frac{27}{32} \times 1\frac{1}{4}$ " With batteries. 65-696 19.95



Ruler/Calculator/Clock For Office or School

NEW FOR '85

9⁹⁵

Metric Conversion Chart

Radio Shack EC-325. Features 3-key memory, auto-constant, percent key. 8-digit display, separate time display. With batteries. $1\frac{1}{4} \times 12\frac{1}{4} \times 2\frac{1}{2}$ " 65-551 9.95

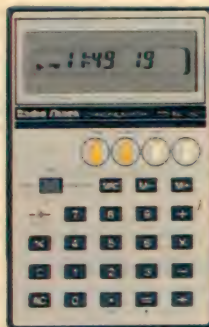


Alarm Clock/Calculator

19⁹⁵

It's Also a Stopwatch

Radio Shack EC-307. Alarm-on, p.m. indicators. 3-key memory, auto-constant, percent key. 8-digit display. $3\frac{11}{16} \times 2\frac{3}{8} \times 1\frac{1}{4}$ " With batteries. 65-691 19.95



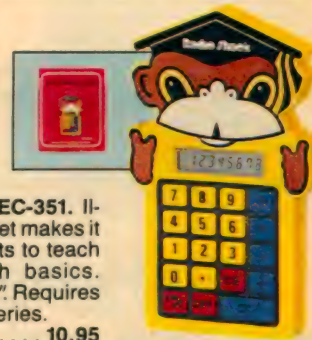
Billfold Case

Child's Learning Calculator

10⁹⁵

Large 8-Digit Display

Radio Shack EC-351. Illustrated booklet makes it easy for parents to teach children math basics. $6\frac{1}{4} \times 3\frac{3}{4} \times 3\frac{1}{4}$ " Requires two "AA" batteries. 65-825 10.95

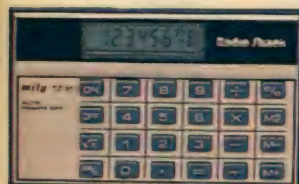


Mity-Thin® Credit-Card Style

7⁹⁵



Automatic Power-Off



Radio Shack EC-277. Features 3-key memory, auto-constant, square root and percent keys. 8-digit display. Measures only $3\frac{3}{8} \times 2 \times 3\frac{1}{16}$ " With batteries. 65-688 7.95

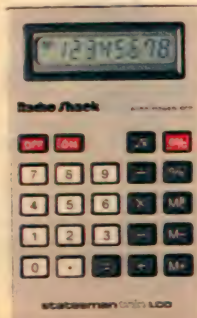
Pocket STATESMAN THIN®

7⁹⁵



Automatic Power-Off

Radio Shack EC-274. Features 3-key memory, auto-constant for repeating operations, square root and percent keys. 8-digit display. $4\frac{1}{4} \times 2\frac{3}{8} \times 3\frac{1}{16}$ " With batteries. 65-686 7.95

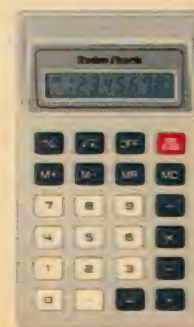


Economy 4-Key Memory

6⁹⁵

- Auto-Constant
- Square Root Key

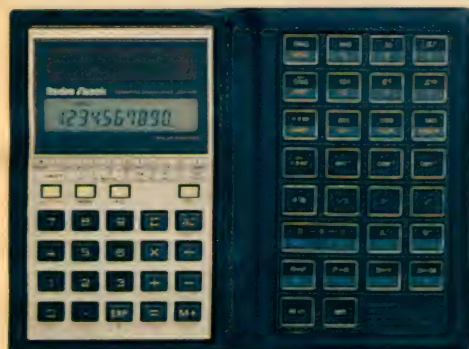
Radio Shack EC-205. A great value! Full 4-key memory lets you store numbers, recall and use them again. Percent key. 8-digit display. $4\frac{1}{2} \times 2\frac{5}{8} \times 5\frac{5}{8}$ " Requires "AA" battery. 65-501 . . . 6.95



All Radio Shack Calculators Are Covered by Our One-Year Limited Warranty

PROBLEM-SOLVING LCD SCIENTIFIC CALCULATORS

Dual Keyboard 68-Function Scientific



NEW
FOR '85

SOLAR
POWER!

34⁹⁵

Do Complex Scientific
Calculations Directly
From Billfold Keyboard

Available Sept. 30, 1984

Radio Shack EC-4011. Silicon solar cell provides all the power needed to do base calculations and conversions, logical operations and more. Ten-digit mantissa and 2-digit exponent. Nine physical constants, 2-key memory, double-size keys. $5 \times 3 \times 1/2$ ". With instruction manual. 65-929 . . . 34.95

Powerful Programmable Scientific

NEW LOW PRICE

Was \$34.95 in
1984 Catalog

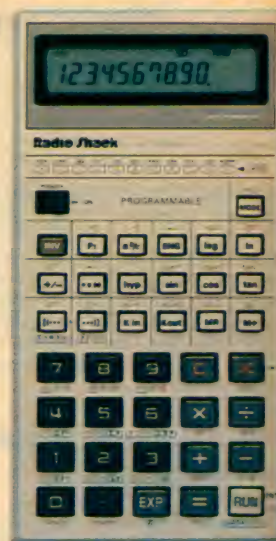
31⁹⁵



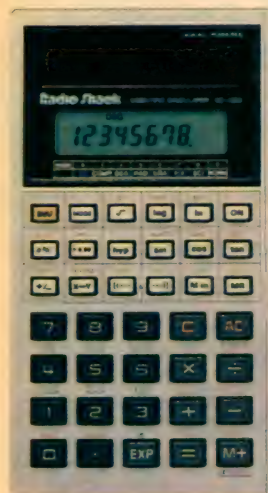
Billfold Case

- 7 Separate Memories
- 38-Step Programming
- 61 Functions ■ Auto Shut-Off

Radio Shack EC-4004. One of the most complete calculators available! Answers problems from basic math to trigonometry, statistics and integrals. It can judge which arithmetic operation must be performed first and allows you to use up to 18 nesting parentheses at six levels. Full floating decimals, 10-digit mantissa. $5 1/4 \times 2 7/8 \times 1/4$ ". With manual, batteries. 65-658 . . . 31.95



Easy-to-Use 53-Function Scientific



Billfold Case

NEW
FOR '85

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SOLAR POWER!

- 18 Levels of Parenthesis
- 8-Digit Mantissa

Available Sept. 30, 1984

Radio Shack EC-4010. Works in almost any light. Performs engineering functions, permutations and combinations, standard deviations and much more. Full floating decimals and 2-digit exponent. $5 \times 2 3/4 \times 5/16$ ". Includes detailed instruction manual. 65-928 . . . 24.95

Credit Card Size 42-Function Scientific

24⁹⁵

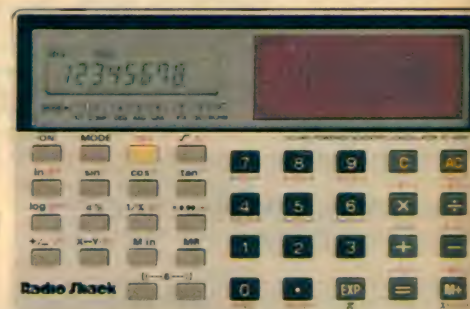


Card Case

SOLAR POWER!

- Six Levels of Parenthesis
- 10-Digit Mantissa

Radio Shack EC-4009. It can never run out of power—all you need is light! Performs calculations in statistics, trigonometry and standard deviation as well as basic math functions. Also converts fractions to decimals, and between degrees, radians and gradients. Random number generator. Memory, Pi, parentheses, exponent keys and more. $2 1/32 \times 3 5/8 \times 7/32$ ". 65-927 . . . 24.95



42-Function Scientific



Carry Pouch

21⁹⁵

Six Parenthesis Levels

Radio Shack EC-4006. Solves difficult problems quickly. 10-digit mantissa, 8 with 2-digit exponents, standard deviation. Auto power-off with memory retention. $5 7/8 \times 3 \times 3/4$ ". Requires two "AA" batteries. 65-975 . . . 21.95

Scientific Slide-Rule

NEW
FOR '85

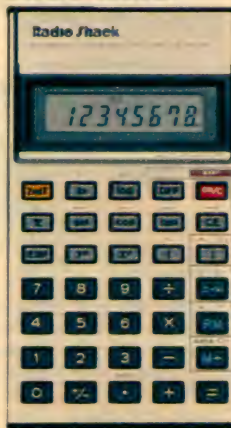
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Billfold Case

5-Digit Mantissa

Radio Shack EC-4012. Does calculations for mean values, variances, standard deviations and more. $4 5/8 \times 2 1/2 \times 5/16$ ". With batteries. 65-978 . . . 19.95



Available Sept. 30, 1984

Low-Priced Scientific

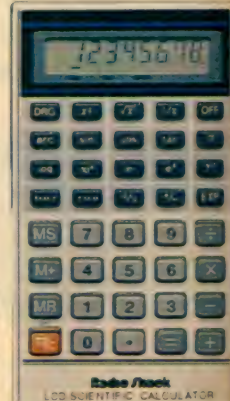
14⁹⁵



Billfold Case

5-Digit Mantissa

Radio Shack EC-4008. Has 40 single-function keys, independent memory, auto-constant, degree/radian/grad key. $4 3/8 \times 2 1/2 \times 1/4$ ". With batteries. 65-977 . . . 14.95



VERSATILE PRINTING AND DESKTOP CALCULATORS

10-Digit Printing Calculator With 4-Key Memory

79⁹⁵

**Impact Printer System
Uses Standard Paper**

Radio Shack EC-3007. The convenience of an easy-to-read fluorescent display plus a permanent printed record. Decimal point placement, round-off and non-print controls. Percent, gross profit margin and basic math keys. $2\frac{1}{4} \times 7\frac{1}{2} \times 9\frac{1}{4}$ ". Includes sample paper roll. U.L. listed AC operation. 65-664 **79.95**

10-Digit Printing Calculator Uses Standard Paper

59⁹⁵

- Ink Roller System
- 4-Key Memory
- Convenient Compact Size

Radio Shack EC-3011. Get a permanent printed record or read the bright fluorescent display. Decimal point placement, round-off and non-print controls. Percent, gross profit margin and standard math function keys. Sample paper roll. $1\frac{3}{4} \times 6\frac{3}{4} \times 9\frac{1}{2}$ ". U.L. listed AC operation. 65-669 **59.95**

Plain Paper

For Radio Shack Calculators

Size	Fits	Cat. No.	Rolls	Price
$2\frac{1}{4}$ " w/core	65-664	65-710	3	1.99
	65-669			
$1\frac{1}{2}$ " w/core	65-666	65-712	3	1.19
$1\frac{1}{2}$ " coreless	65-951	65-713	3	.99

Thermal Paper

For Early Model Calculators

Size	Fits	Cat. No.	Rolls	Price
$2\frac{1}{4}$ " w/core	65-645	65-706	3	2.89
	65-646			
	65-644			
	65-643			
$1\frac{1}{2}$ " w/core	65-647	65-708	3	1.19
	65-648			
$1\frac{1}{2}$ " coreless	65-649	65-709	3	1.29
$1\frac{1}{2}$ " coreless	65-665	65-711	5	1.99

Calculator Desk Stand

1⁹⁹



- Adjustable Angle
- Non-Slip Feet

Instantly adapts handheld calculators for desktop use. Holds many hand-held computer games, too. Molded construction. 65-705 **1.99**

Hand-Held 10-Digit LCD Printing Calculator

34⁹⁵



Take it Along

**High-Speed Impact Printing
On Inexpensive Standard Paper**

Radio Shack EC-3012. Get a printed record anywhere! Print/non-print switch. $4\frac{3}{4} \times 2\frac{5}{16} \times 1\frac{3}{4}$ ". Includes sample roll of paper. Requires four "AA" batteries. 65-951 **34.95**
AC Adapter. U.L. listed. 273-1454 **5.95**

12-Digit LCD Solar Power Desktop

**NEW '85
FOR**

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- Full 4-Key Memory
- Grand Total Key

Radio Shack EC-2007. Solar cell provides calculating power even in dim light. Includes decimal selector switch, clear, shift, square root and percent keys. $6\frac{3}{8} \times 4 \times \frac{3}{8}$ ". With instructions. 65-963 **29.95**



Available
Sept. 30, 1984

Popular 10-Digit Fluorescent Desktop

**Gross Profit
Margin Key**

29⁹⁵

Radio Shack EC-2001. Four-key memory, gross profit margin and percent-of-change keys. Fixed or floating decimal, constant in/out switch, item-count keys. Requires two "D" batteries. $17\frac{1}{8} \times 6 \times 6\frac{1}{2}$ ". 65-660 **29.95**
AC Adapter. U.L. listed. 273-1454 **5.95**



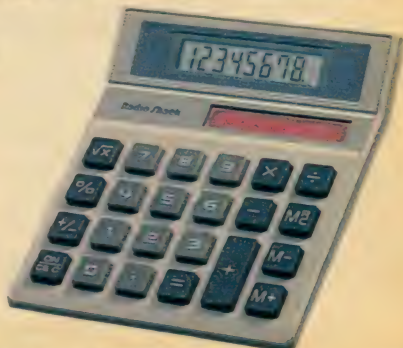
Solar Power, 8-Digit Mini LCD Desktop

**NEW '85
FOR**

14⁹⁵

- Full Floating Decimal
- Percent, Square Root

Radio Shack EC-2006. The desk calculator that doesn't need cords or batteries! Handy 3-key memory stores figures for multiple use. Has \pm sign change key. $4\frac{3}{4} \times 4\frac{3}{4} \times 1\frac{1}{2}$ ". 65-962 . . . **14.95**



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THE VERSATILE TRS-80® COLOR COMPUTER



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Popular Color Computers At Incredibly Low Prices

16K Standard
Color Computer 2

119⁹⁵
Less TV

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USE YOUR



- Each Uses Instant-Loading Program Paks
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TRS-80 Standard Color Computer 2. Now \$40 less than last year's model! Simply attach to your TV—then pop in a Program Pak™ cartridge to set up a home budget, track investments, help your kids develop math and reading skills and play exciting outer space and sports games! Perfect for learning to program, too. Features compact white case and low-profile electric typewriter-quality keyboard. Expand with a printer, a telephone modem, more memory and up to four disk drives. Includes entertaining 308-page beginner's manual. U.L. listed.

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16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. **26-3015 49.00***

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Economical Color Cassette System



Save \$34⁸⁵
349⁹⁵ Less TV
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- 16K TRS-80 Standard Color Computer 2
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A Color Mouse. Adds speed and ease to game-playing and graphics creation. "Roll" across tabletop to position cursor. Use alone or with a joystick. **26-3025 49.95**

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TRS-80 Touch Pad

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Use As a Graphics Tablet to
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Easy and friendly to use. Ideal for creating free-hand graphics. Compatible with Color Computer joysticks and programs. Software extra. With instructions. **26-1185 59.95**

ADVANCED COLOR COMPUTING IS EASY AND FUN

Our Best Color Computer— The Heart of an Advanced Color Graphics System!

- Access 32,000 Characters of Memory with Built-In Extended BASIC Language
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64K Extended BASIC Color Computer 2. An affordable computer for many business, professional and advanced home uses. Easy to use, one-line commands make detailed color graphics simple to create. Ideal for drawings, designs, business charts, engineering diagrams, even animation. Features 256x192 screen resolution (49,152 pixels); multi-character variable names (two significant); string arrays up to 255 characters; editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; error messages; and PEEK, POKE and USR commands. Compact white case with typewriter-style keys. Easy to expand. Attaches to any TV. Includes tutorial manuals on Standard and Extended Color BASIC. U.L. listed.

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Add Our Color Disk Programs



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Communicate with major information services and other computers over telephone lines. 26-2226 79.95

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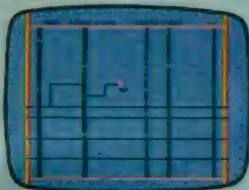
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Slay the Nerius.* Defend your subs against deadly starfish and the ancient seaworm—the Nerius. 26-3086 24.95

Poltergeist ©1982 Metro-Goldwyn-Mayer Film Co. and SLM Entertainment, Ltd.

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Canyon Climber.* Ascend the cliffs—avoid unfriendly goats, zinging arrows and falling objects! 26-3089 34.95

Double Back.* Gain points by encircling the objects on the screen, making a loop back to your own tail. 26-3091 19.95

Reactoids.* Prevent meltdown! Take control of the reactor. 26-3092 19.95

Dungeons of Daggorth.* Fight past awesome beasts to face the evil wizard! Hi-res, 3-D graphics. 26-3093 29.95

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New Educational Programs and Old Favorites



Available 10/30/84

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They Make
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* Requires joysticks.

** Requires cassette recorder.

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**NEW '85
FOR**

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24⁹⁵

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Disk Profile®. 26-3253	59.95
Color Disk Editor/Assembler. 26-3254	59.95
Disk SCRIPSIT®. 26-3255	49.95
Disk Spectaculator®. 26-3256	49.95
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26-3108 (Avail. 9/30/84)	29.95

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NEW! Color SCRIPSIT® OS-9 26-3276 (Avail. 10/30/84)	99.95
NEW! "C" Compiler. Produces assembly language source code for 6809. Expanded input/output. 26-3038	99.95
NEW! PASCAL-09. 26-3034 (Avail. 09/30/84)	99.95
NEW! Color Dictionary. Use with Color Disk SCRIPSIT. Checks for spelling errors—automatically! 26-3265	59.95
NEW! COMPUCHIEF. Suggests menus and files recipes. 26-3257	39.95
NEW! Investograph. Charts stocks and trends. Hi-res graphics. 26-3258	49.95
NEW! TRSCOPY. Transfer files between OS-9 and Disk BASIC. 26-3263	24.95
NEW! TSEDIT. Hi-res screen editor. Allows upper/lower case in lines from 32-80 columns. 26-3264	34.95

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FOR**

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Lets your children create their own storybook with colorful scenes and music. Hours of imaginative fun! 26-3249

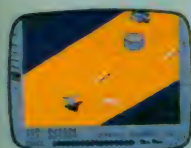
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Disk Games

29⁹⁵



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Grover's Number Rover**. 26-2522	19.95
Peanut Butter Panic***	26-2523, 19.95
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Telling Time with Donald.**

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Color Learning Lab.**	26-3153, 49.95

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Micro Compac.	26-3350, 29.95
Micro Color Checkers.	26-3360, 8.95
Micro Color Games Pak.	26-3361, 9.95
Micro Color Math/Design.	26-3362, 9.95
Micro Color Pinball.	26-3363, 9.95

Courseware and Books

Disk Color LOGO.	26-2721, 99.00
Program Pak™ Color LOGO.	
26-2722	49.95
Color LOGO Teacher's Book.	
26-2761	3.95
Color LOGO Parent's Book.	
26-2763	3.95
The Illustrated Computer.	
26-2670	44.95
Play-With-Language™.	26-2538, 99.00
Hands On!™.	26-2539, 99.00

Color Software "Hotline"

Your nearby Radio Shack store has a special Hotline for ordering Color Computer programs not included in this catalog. If your selection is not in stock, we'll special order it for you via our Hotline and have it ready for pickup in just a few days! No extra charge!

* Joysticks required. ** Cassette recorder required. *** Joysticks and cassette recorder required.

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Your Children Will Have Fun While They Learn With the Electronic Book



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Touch-Sensitive Surface Lets Kids Answer Questions



- Six Fun Programs Teach Different Concepts
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Interactive routines make learning a game. Each of the optional software packages below contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make selections. Plugs into joystick port. 26-3141 24.95

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YOUR LABEL OFFERS

Program Up to 128 Events For Total 24-Hour Control

Just connect lights and appliances to Plug 'n Power™ remote control modules (see page 141) and attach the controller to your Color Computer. You can then program all desired times and events. All data is transferred to the controller—the computer is left free for other uses. Battery backup provision (requires 9V battery). U.L. listed.

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YOUR LABEL OFFERS

Now You Can Add Sound, Three Voices and Noise to Your Own BASIC Programs

This amazing new programming enhancement lets you hear what you've only been seeing. Just plug it into the Program Pak port of your Color Computer and you can add sound and voices to your BASIC programs using PEEK and POKE commands. It even lets you add text-to-speech in your programs. 26-3144 99.95



Programming and Reference Books From Our TRS-80 Library

TRS-80 Microcomputer Newsletter Reprints Volume I. The first 20 issues of this popular and informative publication bound in one handy book. 122 pages. 26-2115 4.95

TRS-80 Microcomputer Newsletter Reprints. January through December 1981 issues in one volume. 26-2240 6.95

TRS-80 Microcomputer Newsletter Reprints. January through December 1982 issues in one volume. 26-2241 9.95

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Getting Started With Color BASIC. Learn to write Color BASIC programs with graphics and sound effects. 300 pages. 26-3191 5.95

Going Ahead With Extended Color BASIC. Describes features of Extended Color BASIC. Over 210 pages of instructions. 26-3192 5.95

Color Computer Technical Reference Manual. For the "technical-minded." Explains how the Color Computer works—including input/output, joystick ports, and more. 26-3193 14.95

Color Quick Reference Guide. Functions, editor commands, ROM subroutines, index and more. 26-3194 4.95

NEW! TRS-80 Color Computer & MC-10 Programs. Features 40 programs: games, quizzes, drills, calculators and more. 26-3195 5.95

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Model 4 Technical Manual. Provides technical information and theory of operation on Model 4 hardware. Includes vital information for the assembly language software developer or user, including SVC calls, file formats and much more. 26-2110 24.95

Model 4 Disk System Owner's Manual. Put Model 4 to work in your business. Covers initial set-up, BASIC and applications programs. 26-2117 17.95

Getting Started With TRS-80 BASIC. Entertaining introduction to Level II and Model III BASIC programming. Excellent for beginners. Sample programs and exercises. Over 300 pages. 26-2107 6.95

Model III Disk System Owner's Manual. Covers disk operation, TRSDOS and Disk BASIC. With helpful programming examples. 161 pages. 26-2111 6.95

Model III/4 Owner's Manual. Provides detailed information on Model III and Model 4 operation, including BASIC language. 259 pages. 26-2112 5.95

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MS-DOS Programmer's Reference Manual. 26-5403 19.95

Tandy 2000 Hardware Reference Manual. Describes operation and troubleshooting procedures. 26-5404 19.95

See Page 159 for More Books on Computers and Visit Radio Shack Often for New Selections.

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These Computer Network Services Bring Instant Information Into Your Home or Office!

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CompuServe offers local, national and international news (read headlines before they've gone to press!), weather and sports from major newspapers like *The New York Times* and *The Washington Post*, plus the full newswire service of the Associated Press. Get historical information and updates on over 32,000 stocks, bonds and securities. There's also a home and educational reference service, computer games, Radio Shack's own Bulletin Board for TRS-80 users, and more. Even communicate with other subscribers nationwide via the "electronic mail" service.

Dow Jones News/Retrieval

Your "direct line" to Wall Street! Get market quotes as current as 15 minutes on listed common and preferred stocks and warrants, corporate bonds and options. Detailed financial statistics compiled by Media General Financial Services are available for all NYSE and AMEX traded companies. And there's news from the *Wall Street Journal*, *Barron's*, and the Dow Jones "Broadtape"—as recent as 90 seconds and as far back as 90 days.

Low-Cost TRS-80 Videotex Packages

Access national information networks and data bases using your computer and an optional telephone interface. Simply dial a phone number (usually local), press a few keys and the desired information appears on your screen.

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Complete Packages

Each package includes a TRS-80 Videotex software manual, CompuServe manual, ID number and password, and a Dow Jones manual and password. You also get one FREE hour on both the CompuServe and Dow Jones networks! After that, you'll be billed at their low hourly rates.

Color Computer Package.

26-2222 29.95

Universal Sign-Up Kit. No software included. Intended for use with your software or terminal. 26-2224 19.95

Model II/12 Videotex Plus.

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Model 4 Videotex Plus. Powerful communications package for the TRS-80 Model 4 disk system. Advanced features reduce "on-line" time. 26-1598 49.95

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Choose the TRS-80 Communications Products That You Need



Telephone Modems. Communicate with information services and other computers. Compatible with any RS-232C-equipped TRS-80. Bell 103, 300 baud, full duplex, originate and answer. Direct-connect modems have modular phone plug. FCC registered. U.L. listed AC power module.

A Acoustic Coupler AC-3. Dial desired number and place handset on interface. Half duplex also. 26-1174 149.95

B Direct-Connect Modem IB. Plugs directly into phone outlet. 26-1175 99.95

C Auto-Answer, Auto-Dial D.C. Modem II. Fully programmable! Dials, answers, even hangs up your phone! Pulse or tone dial. Half duplex also. 26-1173 199.95

D 300/1200 Baud Auto-Dial, Auto-Answer D.C. 2212 Modem. Easy to use, menu-driven. 26-1176 399.95

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Price Breakthrough! High-Speed Modem

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Automatically Selects 300/1200 BPS Data Rate

Avail. 9/30/84



RS-232C Selector Switch

149⁹⁵ Two Switched Ports For Peripherals

SW-303. Lets you connect three RS-232C devices to your TRS-80. U.L. listed AC power module. Cables not included. 26-1499 149.95



AgriData Network Information for Agriculture Professionals

399⁰⁰

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AgriData. Now any professional farmer or rancher can easily access the latest agricultural marketing, finance, news, weather, general business and production information. Information from AgriData (formerly the AgriStar service) is updated constantly. Use it to design your own personal information service. Keep up with the markets—cash, futures and the financial and stock markets. And you can communicate with other agribusiness people anywhere in the country.

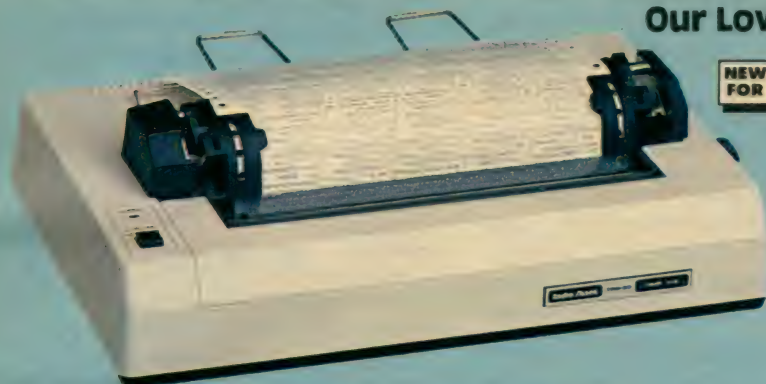
Easy to Use. All you need is a Model III or Model 4 and a telephone interface. You can talk to AgriData in "plain English" and access any report with just a few keystrokes. AgriData includes a user's manual with quarterly updates, a reference flip chart, a subscription to *Farm Futures* magazine, a newsletter and a toll-free 24-hour support service from AgriData Resources. (Price includes first twelve months of service and one hour free connect time—other connect fees and information charges billed separately. After twelve months your basic service fee is only \$39 a month, with connect-time charges a low \$25 per hour and information charges averaging just 25 cents per report.) Requires 48K Model III or 64K Model 4 (in III mode) and one disk drive. 26-2227 399.00

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NEW '85
FOR

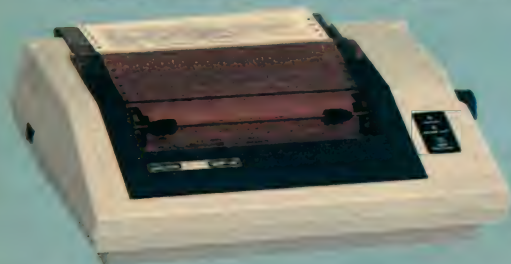
199⁹⁵



- Prints 80 Characters Per Second
- Bit-Image Mode for Graphics
- Prints 9 x 8 Dot-Matrix Characters On an 8" Line

DMP-105. Our lowest price ever for a full-size, 9" dot-matrix printer! Print quality rivals printers at twice its price. Low-cost complement to your TRS-80 Color Computer or Model III/4. Prints 10, 12 and 16.7 characters per inch. Features elongated and condensed type, underline and boldface. Graphics mode allows 480-800 dots per line. Uses fanfold paper or single sheets. Includes parallel and Color Computer-compatible serial (600/2400 baud) interfaces. 3 x 15 3/8 x 9 1/2". U.L. listed. 26-1276 199.95

Triple-Mode Printing Made Affordable



NEW '85
FOR

399⁹⁵

AS LOW AS
\$28 PER MONTH



Word Processing, Data Processing and Dot-Addressable Graphics

DMP-110. High-performance 9 1/2" dot-matrix printer gives you correspondence characters at 25 cps; standard characters at 50 cps. Italic, super and subscripts, underline and microfonts. Uses 4" to 10" fanfold paper or single sheets. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1271 399.95

High-Speed "General Purpose" Printer

499⁹⁵

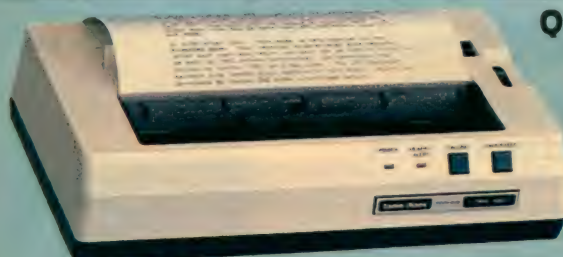
AS LOW AS
\$30 PER MONTH



- Prints 120 CPS
- Bit-Image Mode for Graphics



DMP-120. A 9 1/2" dot-matrix printer with data processing and graphics modes! Prints 10 and 16.7 cpi, or elongated 5 and 8.3 cpi; 120 cps at 10 cpi. Uses fanfold, single sheet or roll paper. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1255 499.95



Quiet, 9" Thermal Ribbon Printer For Both Text and Graphics

NEW '85
FOR

299⁹⁵

AS LOW AS
\$27 PER MONTH



- IBM PC Compatible
- Use Batteries or Included AC Adapter
- Lightweight and Compact Portability

IBM is a registered trademark of International Business Machines Corp.

Available Nov. 15, 1984

TRP-100. A portable, incredibly quiet (50 decibels) printer, perfect for use with any TRS-80, including Model 100. Prints 50 cps at 10 cpi in text mode, as well as bit-image graphics. Measures just 11 3/4 x 23 1/4 x 7", weighs less than 5 1/2 pounds. Parallel and Color Computer-compatible serial interfaces. Uses five alkaline or nickel-cadmium "C" batteries (not included), or U.L. listed AC adapter. 26-1275 299.95

CGP Supplies

- Black Pens.** For CGP-115.
26-1480 Set of 3/2.95
- Color Pens.** For CGP-115. One red, green, blue. 26-1481 Set of 3/2.95
- Roll Paper.** For CGP-115. 4 1/2" wide. 26-1428 Pkg. of 3/4.95
- Roll Paper.** For CGP-220. 26-1333 Pkg. of 3/9.95
- 8 1/2 x 11" Paper.** For CGP-220. 26-1341 250 Sheets/6.95
- Paper for TP-10.** 4 1/8"-wide thermal. 26-1332 Pkg. of 2/3.95
- Black Ink Pack.** For CGP-220. 26-1281 9.95
- Tri-Color Ink Pack.** For CGP-220. 26-1282 14.95

Low-Cost Hard Copy for Color Computers



99⁹⁵



- Print Both Block Graphics and Alphanumerics
- Runs Whisper-Quiet

TP-10 Thermal Printer. Ideal for use with any Radio Shack Color Computer! Prints 32 cpl at 30 cps on 4 1/8" thermal paper. Elongation mode, repeat function for easy graphics programming. Color Computer-compatible serial interface only. U.L. listed. 26-1261 99.95

Compact Color Graphics Printer

199⁹⁵



Uses Easily Replaceable Ink Cartridges

CGP-115. Create beautiful graphics in red, green, blue and black, plus print alphanumerics. Built-in commands make it easy. Text mode prints 40 or 80 characters per line at 12 characters/sec. U.L. listed. 26-1192 199.95



Cables and Supplies for All TRS-80 Printers Are Available at Your Nearby Radio Shack

SHOP RADIO SHACK FOR DEPENDABLE PRINTERS

Get "Letter-Quality" Printing for Less!

NEW LOW PRICE!

Was \$799 in 1984 Catalog

599⁰⁰

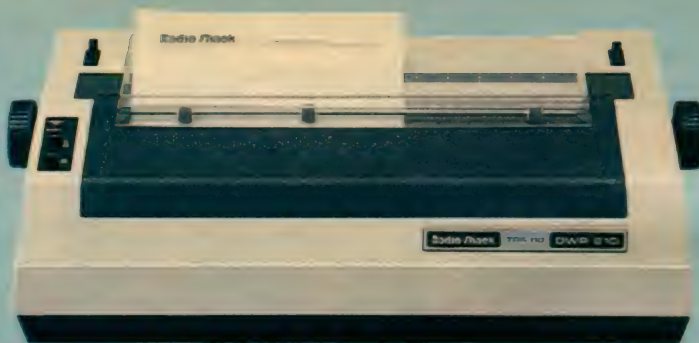
AS LOW AS

\$35 PER MONTH

- Prints Over 200 Words Per Minute
- Uses Interchangeable 100-Character Print Wheels

DWP-210. Take advantage of our new low price to get full-featured, letter-perfect printing! Select 10 or 12 cpi, or proportional pitch. Print wheels "drop in" for easy installation. Prints at 18 cps. Forward and reverse paper feed and 1/2-line feed, underline and programmable backspace. Includes "Paper Empty" and "Ribbon End" features. U.L. listed. 26-1257 **599.00**

New Low Price! Bi-Directional Tractor. Adjusts up to 13". Was \$149.95 in Cat. RSC-11. 26-1443 **119.95**



Includes Courier 10 Print Wheel and Carbon Ribbon

Deluxe Letter-Quality Dot-Matrix Printer

NEW FOR '85

1995⁰⁰

AS LOW AS

\$104 PER MONTH

- Now with Downloadable Fonts

- IBM PC Compatible
- Dot-Addressable Graphics

Available Nov. 15, 1984



DMP-2100P. High-speed data processing, high-resolution graphics and correspondence fonts for exceptional text resolution. Allows downloading of custom fonts from computer—holds two at a time. 160 cps in DP mode, 100 cps in WP mode. U.L. listed. 26-1274 **1995.00**

Bi-Directional Tractor. 26-1441 **169.95**

Professional Word Processing Printer

1495⁰⁰

AS LOW AS

\$84 PER MONTH

- Prints Over 500 Words Per Minute
- Easily Interchangeable 124-Character Print Wheels for Any Need

DWP-510. Our finest daisy wheel printer at a lowest ever price! Print at 10 or 12 cpi or proportional spacing (switch selectable). Averages 43 cps. External program mode for special printwheels. Use up to five carbons. 15-inch platen. Includes Courier 10 print wheel and carbon ribbon. U.L. listed. 26-1270 **1495.00**

New Low Price! Bi-Directional Tractor Feed. Was \$289.95 in Cat. RSC-11. 26-1447 **219.95**



Cost-Effective, High-Quality Printer

NEW FOR '85

899⁰⁰

AS LOW AS

\$52 PER MONTH

- IBM PC Compatible
- 18-Wire Print Head

Available Nov. 30, 1984



DMP-430. Lowest price ever for a 15" high-performance dot-matrix printer! Prints 10, 12 or 16.7 standard cpi, 10 or 12 cpi in correspondence mode. Even allows italic and double-height characters. Includes dot-addressable graphics. Uses 4" to 15" fanfold paper. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1277 **899.00**

Print Text and Graphics in Seven Colors

TANDY ADVANCED TECHNOLOGY SERIES
Radio Shack
AND AFFORDABLE TOO

699⁰⁰

AS LOW AS

\$41 PER MONTH

CGP-220. Drop-on-demand ink-jet system. U.L. listed. 26-1268 **699.00**

Incredibly Quiet Operation



Printer Controller



PTC-64. Print one job while working on another! Stores 62,000 characters in RAM. U.L. listed. 26-1269 **249.95**

Printer Switch



SW-302. Connects two printers to one computer or two computers to printer. Cables not included. U.L. listed. 26-1498 **119.95**

Replacement Printer Ribbons

Printer	Ribbon	Character Life	Catalog No.	Each	
				1-11	12-Up
LP I, II, IV	Fabric Pack (3/PK)	1 million	26-1413	15.95	11.95
LP III, V	Fabric Cart.	2 million	26-1414	11.95	8.95
LP VI, VIII, DMP-400, 420	Fabric Cart.	1 million	26-1418	11.95	8.95
LP VII, DMP-100	Re-inking Fabric	1 million	26-1424	8.95	6.70
DMP-110	Re-inking Fabric	1 million	26-1283	7.95	5.95
DMP-500	Fabric Cart.	4 million	26-1482	13.95	10.45
DMP-120, 200	Fabric Cart.	4 million	26-1483	15.95	11.95
DMP-120, 200, 500, 430	Refill Pack (3/PK)	4 million	26-1489	15.95	11.95
DMP-105	Fabric Cart.	1 million	26-1288	7.95	5.95
DMP-430	Fabric Cart.	4 million	26-1296	15.95	11.95
DMP-2100, 2100P	Fabric Cart.	2 million	26-1442	13.95	10.45
TRP-100	Thermal Film	40,000	26-1297	3.95	2.95
TRP-100	Refill Rolls (5/PK)	40,000	26-1298	9.95	7.45
DW II, DWP-410, 510	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1419	21.00	15.75
DW II, DWP-410, 510	Nylon Cart.	1 million	26-1449	10.95	8.20
DW I, DWP-410, 510	Multi-Strike Film, Blue	200,000	26-1285	8.95	6.70
DW II, DWP-410, 510	Multi-Strike Film, Brown	200,000	26-1286	8.95	6.70
DWP 210	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1445	17.95	13.45
DWP-210	Fabric Cart.	1 million	26-1458	8.95	6.70

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers

STEP UP TO THE ADVANCED TANDY® 2000 SYSTEM

The Ultra-High Performance MS-DOS Based Computer

**NEW
FOR '85**



- High Speed and Vast Storage Capacity Let You Perform Bigger Jobs Faster
- User-Expandable for Your Future Needs
- Runs the Hottest Names in Software
- Stylish Design Gives You Maximum Versatility, Looks Great in Any Office

Tandy TRS-80 Model 2000. Gives you more speed, more disk storage, easier expansion options and more advanced graphics than other MS-DOS based computers. A "next-generation" 16-bit microprocessor makes it over twice as fast as the IBM PC. Two floppy disk drives store 720K per drive. Or choose the Tandy 2000 HD with a built-in 10-megabyte hard disk drive. MS-DOS lets you use the most advanced software on the market. Expand with more memory (up to 768K), stunning high-resolution (640 x 400 pixel) monochrome or color graphics, and more. U.L. listed.

128K 2-Disk Tandy 2000. 26-5103 2750.00

256K Tandy 2000 HD With 10-Megabyte Hard Disk. 26-5104 4250.00

CM-1 Color Monitor. Shown at left.

26-5112 799.00

2-Disk Tandy 2000

2750⁰⁰

Commercial Lease Available
For Only \$95 Per Month
(Plus Applicable Use/Sales Tax)

Hard Disk Tandy 2000 HD

4250⁰⁰

Commercial Lease Available
For Only \$150 Per Month
(Plus Applicable Use/Sales Tax)

Ergonomic Accessories

VM-1 Monochrome Monitor. 26-5111	249.00
VM-1 Monitor Pedestal. 26-5115	89.95
Floor Stand. 26-5116	145.00
Digi-Mouse. Requires 26-5144. 26-1197	99.95
Digi-Mouse/Clock Controller Board. 26-5144	119.95



NEW! Popular and Powerful Software for the Tandy 2000

New Low Price! dBase II. A powerful relational data base management program. Requires 256K. Was \$595.00 in Cat. RSC-11. **26-5352 495.00**

Videotex Plus. Deluxe communications package lets you access information networks and other computers over the telephone. Requires telephone interface. **26-5260 49.95**

PFS:File. An easy-to-use business or personal filing system. **26-5305 140.00**

PFS:Report. Set up your own tabular reports from data stored in PFS:File. **26-5306 125.00**

New Low Price! Microsoft Multiplan. "Second generation" spreadsheet analysis. Was \$249.00 in Cat. RSC-11. **26-5311 195.00**

MultiMate. Highly-acclaimed word processing program that duplicates the features of a dedicated word processor. Excellent documentation. Requires 256K. **26-5330 249.95**

MAI/Basic Four General Ledger. Provides up-to-the-minute financial statements. Integrates with the following two programs—enter data just once. **26-5210 495.00**

MAI/Basic Four Accounts Payable. 26-5212 495.00

MAI/Basic Four Accounts Receivable. 26-5213 495.00

The Home Accountant Plus. The best-selling home finance package in the country. Requires 256K. **26-5340 124.95**

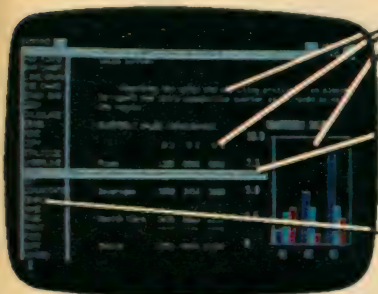
The Witness. You must solve the crime in this hard-boiled Thirties "whodunit" game. **26-5376 49.95**

Planetfall. A sci-fi adventure game. **26-5377 49.95**

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NEW! INTEGRATED SOFTWARE FOR TANDY 2000

Ovation Links Five Applications



Links Text, Graphics and Spreadsheets in a Single Document on One Screen—No Windows

Change a Value in Your Spreadsheet—Text and Graph Updated Automatically

Uses Fewer Than 30 Simple English Commands

Ovation. Combines spreadsheet analysis, word processing and graphics on a single screen—without windows! Includes information management and communications. For example, you can construct a spreadsheet with over seven million cells using data from your information base. Then convert it into a graph of any size to go in a letter. Get true integration—without ever leaving your document!

For Tandy 2000 HD*. Requires 512K. 26-5301 795.00

For IBM Personal Computer. 26-5303 795.00

* Under development. Ovation is a trademark of Ovation Technologies, Inc.

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LOTUS™

Go from Spreadsheet to Graphics to Information Management

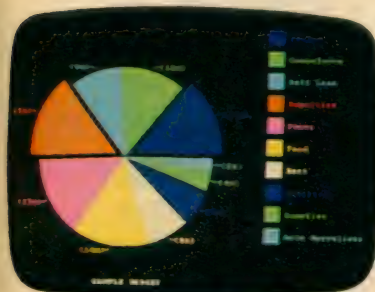
- Turn Spreadsheet Data Into Graphs at the Touch of a Key
- Performs Computations 3 Times Faster Than the IBM PC*

Lotus 1-2-3. One of the most popular microcomputer programs ever! It's a three-in-one program that lets you change spreadsheet data directly into graph form or sort and search data in your spreadsheet—instantly! The comprehensive spreadsheet gives you 256 columns and 2048 rows to work with. And there are special time-saving keys, called "macros," that let you substitute a single keystroke for a long sequence. When you change a variable in your spreadsheet, just one keystroke draws a new graph on the screen. Sophisticated graphing commands take advantage of Tandy 2000's higher resolution to let you produce bar charts, stacked bar charts, line or symbol graphs, XY graphs or pie charts. The information management function lets you store up to 2000 records and sort with primary and secondary keys. 26-5300 495.00

Lotus 1-2-3 is a trademark of Lotus Development.

* Actual spreadsheet benchmark.

Full-Featured Spreadsheet With Integrated Graphics



- Prints All Available Plotter Colors
- Integrated Presentation Quality Graphics
- Creates Various Types of Charts and Graphs
- Prints Different Font Sizes
- Prints Up to Four Charts on a Page

SuperCalc³. A sophisticated electronic spreadsheet with high resolution integrated graphics and data management. With SuperCalc³, you can solve modeling and forecasting problems, then produce presentation-quality graphics using single-keystroke commands. Create line, bar and stacked bar graphs, pie and exploded pie charts, and even X-Y, Hi-Lo and area graphs. Using your choice of font types and up to 99 colors, you can print as many as four charts on the same page. Show negative numbers in red and protected entries in yellow (requires color monitor). The spreadsheet gives you a full 63 columns and 254 rows (16,002 possible entries), along with calendar and date calculation, sorting in dictionary order, two key sort, data management and an efficient memory manager. Self-paced starter guide will have you using the program in as little as ten minutes. 26-5302 395.00

SuperCalc³ is a trademark of Sorcim.

It's Here! Get Your All-New 1985 TRS-80 Computer Catalog



FREE! Stop by Your Nearest Radio Shack to Pick Up Your Copy

Ask for Catalog RSC-12. It's 60 full-color pages of detailed information on the exciting line of TRS-80 computers, accessories and software. Available NOW at your nearest Radio Shack Computer Center, participating store or dealer. Be sure to get your copy of the most complete computer catalog available.

Get Other Top-Selling Programs with Our Express Order Software Service!

Choose from Popular Packages Like:

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|-----------------------------|----------------|---------------------------|
| ■ WordStar [®] 3.3 | ■ Open Access™ | ■ Omniterm™ |
| ■ WordPerfect™ | ■ Condor-3™ | ■ The Accounting Partner™ |
| ■ Volkswriter™ Deluxe | ■ filePro™ 16 | |

Now in addition to our "off-the-shelf" software, you can get other top sellers through our exclusive Express Order Software service! These packages are performance proven, ready to run on your Tandy 2000 microcomputer, and professionally supported by each software vendor. You can place your order for Express Order Software at any Radio Shack Computer Center, store or participating dealer nationwide. Orders are transmitted electronically and shipped the following day for fast service. New products are being added to our selection every day—stop by soon for complete details!

WordStar/registered trademark of MicroPro International. WordPerfect/trademark of Satellite Software International. Volkswriter/trademark of Lifetree Software, Inc. Open Access/trademark of Software Products International. Condor-3/trademark of Condor Computer Corporation. filePro-16/trademark of The Small Computer Company. Omniterm/trademark of Lindbergh Systems, Inc. The Accounting Partner/trademark of Star Software Systems.

Available Only at Radio Shack Computer Centers and Participating Stores and Dealers

TRS-80® — THE MICROCOMPUTERS FOR BUSINESS



- Expandable into a Three or Six-Workstation Office System
- Includes TRS-XENIX Multi-User Operating System
- Choose One or Two 1,250,000-Character 8" Floppy Disk Drives or One Drive and 15-Megabyte Hard Disk

Model 16B—Speed, Power and Multi-User Ready!

NEW LOW PRICE!

Low As

3999⁰⁰

Was \$4999 in 1984 Catalog

Commercial Lease Available For Only \$140 Per Month (Plus Applicable Use/Sales Tax)

TRS-80 Model 16B. The Model 16B can become the hub of a multi-user office system! Just add low-cost terminals, hard disk and cable, and up to three people (expandable to six) can perform different tasks at the same time. Dual processor design features MC68000 16-bit and Z-80A 8-bit microprocessors. Includes 256K internal memory (expandable to 768K), 12" green monitor and detachable typewriter keyboard. U.L. listed.

With 1 Disk. 26-6004 3999.00

With 2 Disks. Was \$5798 in 1984 Catalog.

26-6005 4699.00

With Built-In 15-Megabyte Hard Disk. Includes self-contained 1.25-megabyte 8" floppy disk drive and a 15-megabyte hard disk drive. 26-6006 6499.00

Xenix is a trademark of Microsoft.

15-Megabyte Hard Disk Drive



2495⁰⁰

Requires appropriate installation kit (see below)

Adds 15 million characters of high-speed storage. U.L. listed.

Primary Unit. 26-4155 2495.00*

Secondary Unit. 26-4156 1995.00*

Model II/12/16 Installation Kit.

26-4157 495.00

NEW! Model 4 Kit. 26-1134 79.95

NEW! Model III Kit. 26-1133 99.95

*Required installation not included. Model 12 requires Card Cage.

DT-100 Data Terminal

NEW FOR '85

795⁰⁰

Our Best!



Ergonomic asynchronous terminal with 14" high-resolution screen and 80/132 x 26 format. Low-profile sculptured keyboard with 16 function keys, separate cursor control keys and numeric keypad. U.L. listed. 26-6052 795.00

DT-1 Data Terminal



NEW LOW PRICE!

599⁰⁰

Was \$699.00 in 1984 Catalog

Ideal for Our Model 16 Series Multi-User Office System

Features convenient configuration selection of four popular standard terminals from the keyboard. Non-volatile memory retains terminal configuration even when the power is off. 12" diagonal 80x24 display. U.L. listed. 26-6050 599.00

Model 12 Aids Productivity for Any Business

NEW LOW PRICE!

Low As

2799⁰⁰

Was \$3199 in 1984 Catalog

Commercial Lease Available For Only \$100 Per Month (Plus Applicable Use/Sales Tax)

TRS-80 Model 12. Ideal for accounting, word processing, planning, electronic filing, mainframe communications, and more. Features an 80,000-character (64,000 user) internal memory, and each built-in disk drive stores 1,250,000 characters. Easy expansion. U.L. listed.

With 1 Disk. 26-4004 2799.00

With 2 Disks. Was \$3999 in 1984 Catalog. 26-4005 3499.00



TRS-80® COMPUTER FURNITURE AND ACCESSORIES

Beginner's Computer Stand Beginner's Printer Stand



NEW FOR '85

[A] Ideal for Color Computer. Features monitor/printer platform and storage shelf. 26 x 32 x 19 3/4". 26-1354 49.95

Easy to Assemble



[B] Includes bottom feed paper slot. Large enough for wide-bed printers. Large paper storage shelf. 26 x 26 7/8 x 19 3/4". 26-1355 49.95



NEW FOR '85

Desktop Printer Platform 29.95

Platform for standard computer monitor or narrow bed printer (DMP-110, DMP-120, DMP-200, LP VII or VIII, etc.). Top 16 3/4" x 13 3/4", 5" clearance for printer paper. 26-1360 29.95

Printer and paper not included.

"Budget" Computer Table For Home or School Use

Small enough to let you set up your system nearly anywhere, but large enough for the TRS-80 Color Computer or even the Model 4 or III. Easy to assemble. 27 x 48 x 24". 26-1324 79.95



NEW FOR '85 Computer System Desk Family



Corner Section [E] 39.95

Printer Stand [F] 99.95

[C] System Desk 119.95

[D] Storage Hutch 59.95

- Modern Simulated Oak Finish
- Components Easy to Assemble
- Beautiful, Spacious Matching Design

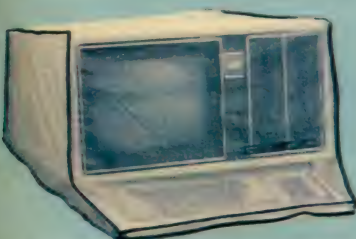
[C] System Desk. Spacious and functional design in beautiful simulated oak. Twin cable management slots for easy connections. Adjustable glides. 27 x 49 3/4 x 29 3/8". 26-1356 119.95

[D] Storage Hutch. Ideal for software binders and accessories. Assembles with adjustable "second shelf" on either side. 26-1359 59.95

[E] Corner Section. Really puts it all together! Matches system desk and printer stand for an attractive, convenient "work corner". Adds approx. 4 square feet of working surface. 26-1358 39.95

[F] Printer Stand. Large enough to accommodate wide-bed printers. Includes bottom feed paper slot, unique swing-down paper catch for printed output. Paper storage shelf. Adjustable glides. 27 x 28 1/2 x 19 1/2". 26-1357 99.95

Protective Dust Covers



Computers	Cat. No.	Price
Model 12/16	26-526	7.95
Model III/4	26-506	5.95
Color Computer 2	26-532	3.95

Peripherals	Cat. No.	Price
CCR-81 Recorder	26-517	2.95
External Disk Drives	26-502	2/5.95

Printers	Cat. No.	Price
DMP-105	26-530	3.95
DMP-120/200	26-522	3.95
DMP-430	26-535	4.95
DMP-2100	26-525	4.95
DW II, DWP-510	26-508	5.95
DWP-210	26-527	4.95
CGP-220	26-533	4.95
TP-10	26-531	3.95

Power Line Filter



49.95

Limits AC power line interference to Model I and Color Computer. Single switch controls eight outlets. Effective dual-section design. U.L. listed. 26-1451 49.95

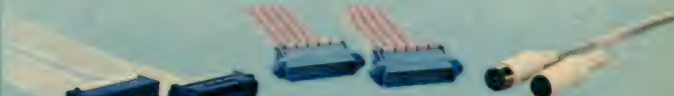
Auto Control Power Strip



69.95

SW-301. Activates up to five peripherals when you turn on your Model II, III, 4, 12 or 16. U.L. listed. 26-1429 69.95

Radio Shack Cables for Good Connections



Model 100 Cables

To Parallel Printers. 26-1409 14.95
Built-In Modem to Phone Jack. 26-1410 19.95

RS-232C Interface Cables

For Model III/4/4P/12/16B/2000. 5 ft. ribbon. 26-1408 19.95
For Model II/16. 5 ft. round cable with terminator. 26-4403 39.95
For Model III/4. 8" extender. Allows use of round RS-232C cables. 26-1497 17.95
RS-232C Cable Connector. 26-1495 29.95
Null Modem Adapter. 26-1496 29.95

Extended Lengths. Round with DB25 Connectors

15 ft. 26-1490 29.95
25 ft. 26-1491 39.95
50 ft. 26-1492 54.95
100 ft. 26-1493 89.95

Standard Parallel Printer Cables

For Model I/III/4/4P. 6 ft. 26-1401 39.00
For Model II/12/16/16B/2000. 6 ft. 26-4401 39.00
For Model II/12/16/16B/2000. 12 ft. 26-1323 44.95
For IBM "PC". 6 ft. 26-1347 39.00

Cassette Recorder Cable

Model I/III/4/4P/Color Computers. 26-1207 5.95

Color Computer/MC-10 Serial Interface Cables

To Printers and Modems. 26-3020 4.95
To Quick Printer II. Also for Model I special serial interface. 26-3009 4.95
To RS-232C Ports. 26-3014 19.95

IBM is a registered trademark of International Business Machines Corp.

Prices Apply at Participating Radio Shack Stores and Dealers

WE HAVE THE BEST IN POCKET COMPUTER POWER

Small Enough for Pocket or Purse, Big Enough for Tough Problems



**NEW '85
FOR**

PC-3A Pocket Computer

99⁹⁵

PC-3A Printer/
Cassette Interface

119⁹⁵

- Now with Over Twice the Memory—Full 4K RAM
- Programmable in BASIC or Use Ready-to-Run Software
- 16 Built-In Arithmetic and 8 String Functions

Software for Your PC-3A is Available on Special Order

We have a number of special ready-to-run software programs available for the PC-3A. Check with your local store for the latest list of software available for quick mail ordering. Choose from financial, statistical, special industry programs and more!

TRS-80 Pocket Computer Model PC-3A. Real computer power! Features 24-character LCD, 10-digit accuracy, 2-digit exponents, multiple statements, arrays, edit and trace modes. $\frac{3}{8} \times 5\frac{5}{16} \times 2\frac{3}{4}$ ". Weighs 4 oz. With batteries and manual. **26-3589** **99.95**

Printer/Cassette Interface. Prints 24 characters per line at one line per second, with "wrap-around". Add a recorder to store and load programs on cassette tape. Includes rechargeable batteries, U.L. listed AC adapter/charger. **26-3591** **119.95**

Printer Paper. $2\frac{1}{4}$ " wide. **26-3592** **Pkg. of 5/2.49**



Get Affordable On-the-Go Computing Power With Our Lowest Priced TRS-80



PC-4 Pocket
Computer

69⁹⁵



Cassette
Interface

39⁹⁵



PC-4
Printer

79⁹⁵

Add These Handy Accessories to Your PC-4



1K RAM Module. Triples memory for longer, more powerful programs! Inserts inside PC-4. Only one module can be added.

26-3653 **19.95**

System Carrying Case. Padded vinyl protects PC-4, interface and printer. **26-3654** ... **7.95**



TRS-80 Pocket Computer Model PC-4. Lets you keep up to ten short programs in its 544-character memory or combine the programming area for longer programs. BASIC language includes 23 commands, 15 functions. 12-character LCD scrolls to 62 characters. Edit and debug modes. $\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ ". Includes batteries. **26-3650** **69.95**

PC-4 Cassette Interface. Lets you store and load programs and data with optional cassette recorder. Requires two "AA" alkaline batteries. **26-3651** **39.95**

PC-4 Printer. Prints 20 characters per line (60 lpm). Includes rechargeable batteries and U.L. listed adapter/charger. **26-3652** **79.95**

Printer Paper. $1\frac{1}{2}$ " wide thermal. **65-711** ... **Pkg. 5/1.99**

USE GENUINE TRS-80® COMPUTER ACCESSORIES

Certified 5 1/4" and 8" TRS-80 Diskettes

5 1/4" Unformatted Diskettes. Double-density, soft-sectored.

Single-Sided			
Quantity	Tracks	Cat. No.	Price
1	40	26-305	4.95
3	40	26-405	12.95
10	40	26-406	37.95

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Quantity	Tracks	Cat. No.	Price
3	40	26-411	15.95
10	40	26-412	44.95
3	80	26-409	24.95
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5 1/4" Replacement Labels.
26-307 Pkg. 54/1.95

8" Unformatted Diskettes. Double-density, 77-track, soft-sectored.

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Quantity	Cat. No.	Price
3	26-4961	19.95
10	26-4960	49.95

8" Replacement Labels.
26-4955 Pkg 54/1.95

Disk Drive Analyzer

NEW '85
FOR

29⁹⁵

Spot problems before they get out of hand! A "must" for all owners of a disk-based Model III, 4 or 4P. Pre-programmed diskette analyzes your disk drive's radial alignment, rotational speed, clamping ability and write/read accuracy. Displays results automatically and quickly on the screen. Simple to use—just insert the Disk Drive Analyzer in your drive and follow the instructions that appear on the screen. 26-413 29.95

Library Diskette Boxes



NEW '85
FOR

Low As 2⁹⁵

NEW! 5 1/4" Diskette Box. Holds 5 diskettes. 26-1348 2.95
5 1/4". Holds 10. 26-1452 4.95
8". Holds 10. 26-4952 5.95



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FOR

Low As 24⁹⁵

5 1/4" Diskette File Box. Holds 50. 26-1353 24.95
8" Diskette File Box. Holds 50. (Available 10/30/84) 26-4958 29.95

Disk Envelopes



Binder. For diskette envelopes.
26-1310 5.95
5 1/4" Disk Envelopes.
26-510 Pkg. 10/7.95
8". 26-4907 Pkg. 10/7.95

Disk Drive Head Cleaning Kit

NEW '85
FOR

14⁹⁵ Each



Just apply solution to cleaning diskette and run in drive for 30 seconds.

5 1/4" Drive Kit. 26-408 14.95
8" Drive Kit. 26-4957 14.95

Keyboard Cover



NEW '85
FOR

12⁹⁵

Protects Model III/4 keyboard from dust and dirt when not in use. Attractive smoked acrylic plastic. 26-1342 12.95

Computer Cassette Tapes



Stock up on these high-quality cassette tapes. Ideal for program and data storage with any cassette-based system. Certified free of drop-outs and defects. Leaderless to prevent data loss. Each cassette comes with a hinged plastic storage box for protection. Always keep plenty on hand!

C-20 Deluxe Certified Cassette Tape. "Reel-to-reel" design in a clear shell. 26-308 3.79
C-20 Certified Cassette Tape. 26-301 2.79
C-10 Cassette Tape. 26-302 1.89

Handy Accessories

For Your Workstation

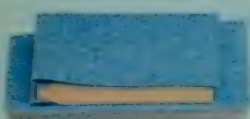


Screen Cleaner.
#26-1318
\$6.95

Anti-Static Spray.
#26-515
\$5.95



Pressboard Binders



Store and protect your printouts. Plastic-coated pressboard with steel wire posts.

14 7/8 x 11". 26-1339 Pkg. 2/7.95
9 1/2 x 11". 26-1340 Pkg. 2/7.95

Stock Up on Fanfold Printer Paper



9 1/2 x 11" sheets have "invisible" vertical edge perforations

Size	Design	Quantity	Cat. No.	Price
9 1/2 x 11"	Blank White	500 sheets	26-1423	8.95
9 1/2 x 11"	Blank 20#	1250 sheets	26-1427	24.95
9 1/2 x 11"	Greenbar	3500 sheets	26-1403	49.95
14 7/8 x 11"	Greenbar	500 sheets	26-1330	11.95
14 7/8 x 11"	Greenbar	3500 sheets	26-1417	69.95

Fanfold Mailing Labels



1-Wide. Pressure-sensitive. Pkg./1000.
26-1328 6.95
2-Wide. Dry gum. Pkg./2400.
26-1456 9.95

Programming Aids



A Model I/III Graphics Worksheets. 26-2105 100/4.95
B Ruler. 26-1313 3.50
C Template. 26-1312 3.95

Anti-Glare Panel Reduces Reflections



Anti-Glare Panel. Optically-coated to reduce glare by 94%. Cuts ambient light reflection without affecting resolution. Gives you a sharp, clear image. Scratch resistant, easy to clean. Quick, easy adhesive attachment—no tools needed.

For Model I/II/III/4/16. 26-1457 49.95
For Model 12/16B. 26-1326 49.95

Anti-Glare Mask. Nylon mesh. Not for color monitors. 26-511 16.95

Printer Roll Paper



Printers	Cat. No.	Price
LP/II/TV/VII/DMP-200	26-1402	2/19.95
Quick Printer. 26-1153	26-1405	3/18.95
Quick Printer II. 26-1155	26-1412	2/3.95
Plotter/Printer. 26-1190	26-1407	4.95
PC-1	26-3506	6/1 75
PC-2	26-3606	6/2.49

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers

TRS-80 CASSETTE-BASED MODEL 4 COMPUTER



Expansion covers simulate disk drives

16K TRS-80 Model 4. The affordable personal computer that's ideal for beginners—it's easy to use and hard to outgrow. The cassette-based Model 4 is also an excellent choice for professional people who may later want to expand it into a powerful business system, and for schools to use in classroom networks. Add an optional recorder (below) and use our ready-to-run software. You can set up a household budget, computerize your club's mailing list, teach your kids, play exciting computer games and much more. Model 4 can analyze statistics and even become an incredibly low-cost word processor. There are also languages and utility programs for both the beginning and advanced programmer. And you can start programming immediately with the Model III BASIC contained in ROM. You get 16-digit accuracy, multi-dimension arrays, a program line editor, definable cursor, comprehensive string handling, 255-character program lines

New Low Price!
Start Computing With the
Expandable and Affordable
16K TRS-80 Model 4

NEW LOW PRICE!

799⁰⁰

Was \$999.00
 In 1984 Catalog

AS LOW AS



\$45 PER MONTH

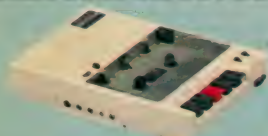
- Self-Contained Desktop Unit—No Extras Required to Get Started
- Huge Library of Ready-to-Run Cassette Software Available
 - 16,000 Characters of Internal Memory
 - High-Resolution 12" Monitor Displays 16 Lines of 64 Upper and Lower Case Characters
 - Built-In Parallel Printer Interface
 - 70-Key Typewriter-Style Keyboard with a 12-Key Datapad
- Built-In Model III BASIC Language Gives You Superior Programming Features
- Easy Internal and External Expansion as Your Needs Grow

and string variables, automatic line numbering, machine language user calls, scroll protect, 23 specific error codes and even a special graphics character set. Model 4 displays 32 or 64 upper and lower case characters per line. Includes automatic scrolling, a screen print command, repeating keys, a real time clock, and printer interface. And as your computing needs grow, Model 4 can keep pace. This cassette-based system expands easily with more memory, or even into a 64K disk-based system similar to the one described on page 179. Just add the internal 64K RAM kit and Model 4 Disk Drive 0 (below). You can also add accessories such as a printer, plotter, digitizer, telephone interface and external floppy disk or hard disk drives. Includes easy-to-use 340-page beginner's manual to get you started in programming. U.L. listed.

26-1067 799.00

Expand Model 4 to Meet Your Growing Computing Needs

CCR-82 Computer Cassette Recorder



49⁹⁵

NEW FOR '85

Ideal for loading and storing programs and data on cassettes. Cue/review, remote off, and pause in/out switch. Includes cable. Requires four "AA" batteries or AC adapter (not included).

26-1209 49.95

CCR-81 Computer Cassette Recorder



59⁹⁵

Built-In AC Power Supply

Digital tape counter matches that of 26-1209, allowing interchange of tapes. Features cue/review and LED data record indicator. Includes cable. U.L. listed AC operation or four "C" batteries (not included). 26-1208 59.95

Expansion Options

New Low Price! 64K RAM Kit. Expands internal memory from 16K to 64K, or 64K to 128K. Was \$149.00 in 1984 Catalog. 26-1122 79.95*

Model 4 Upgrade Kit. Converts Model III disk system to Model 4. Includes new keyboard, 64K RAM, TRSDOS 6. 26-1123 799.00*

New Low Price! Model 4 Disk Drive 0. Converts Model 4 cassette to disk system. Was \$649.00 in 1984 Catalog. 26-1127 499.95*

New Low Price! Model 3 Disk Drive 0. Was \$649.00 in 1984 Catalog. 26-1162 499.95*

Model 3/4 Disk Drive 1. Adds another 184K of internal disk storage. 26-1163 239.95*

16K RAM Kit. Model III only. 26-1102 ... 49.00*

RS-232C Serial Interface Kit. Allows use of serial devices. Includes cable. 26-1148 99.00*

*Price does not include required installation.

External Disk Drives

NEW LOW PRICE!

Store An Extra 184K of Data Per Drive



Internal Drive #0 required.

Disk Drive Kit 3. Was \$359.00 in 1984 Catalog. 26-1164 319.95

Disk Drive Kit 4. Was \$319.00 in 1984 Catalog. 26-1161 279.95

Available But May Not Be Stocked In All Participating Radio Shack Stores and Dealers

NEW LOW PRICES! TRS-80 MODEL 4 DISK SYSTEMS

TRS-80 Model 4 Desktop Computer for Business or Home Use

64K 1-Disk Without RS-232C

64K 2-Disk With RS-232C

1099⁰⁰ AS LOW AS
\$63 PER MONTH

1299⁰⁰ AS LOW AS
\$73 PER MONTH

Was \$1699 In 1984 Catalog

Was \$1999 In 1984 Catalog

- Self-Contained Desktop Unit ■ 80 by 24 Display
- CP/M Plus Compatible ■ Parallel Printer Interface

NEW LOW
PRICE!

TRS-80 Model 4 Disk System. The ideal computer for managers, professionals and educators. The Model 4 runs all TRS-80 Model III TRSDOS® programs (in Model III mode), so Model III owners can upgrade to a Model 4 and still use their present software. Model 4 is also compatible with CP/M Plus and LDOS operating systems—so you can select thousands of additional applications. The 2-disk Model 4 includes 368K of disk storage (184K each) and a built-in RS-232C serial interface for communication with other computers (requires modem and cable). Add one or two more floppy drives and hard disk. Includes Microsoft Disk BASIC and TRSDOS 6 operating system, owner and programming manuals, reference card, and an introduction to get you started immediately. U.L. listed.

64K 2-Disk. 26-1069 1299.00
64K 1-Disk. Without RS-232C. 26-1068 1099.00

LDOS/TM Logical Systems, Inc. CP/M Plus/TM Digital Research, Inc.
Microsoft/Registered TM Microsoft Corp. Z-80/Registered TM Zilog Corp.



SPECIFICATIONS. Microprocessor: 4MHz Z-80A (2 MHz in Model III mode). Memory: 14K ROM, 64K RAM expandable to 128K (provides for disk drive emulation in RAM). Keyboard: 70-key typewriter-style with datapad, plus control, caps and 3 programmable function keys. Dimensions: 12 1/2 x 18 7/8 x 21 1/2". Power: 120VAC, 60 Hz.

New Low Price! Our Model 4P For On-the-Road Productivity

1299⁰⁰ Was \$1799 in
RSC-11 Catalog

AS LOW AS
\$73 PER MONTH

- Software Compatible with All Model 4 Disk Programs
- 9" High-Resolution 80-Character by 24-Line Display
- Two Built-In 184K Double-Density 5 1/4" Disk Drives
- Built-In RS-232C Interface for Communications

TRS-80 Model 4P. Now get the versatility of our popular TRS-80 Model 4 desktop computer in a compact portable system! The Model 4P is easy to carry and works anywhere there's AC power. Features a 64K internal memory expandable to 128K, typewriter-style keyboard and parallel printer interface. Compatible with Model III TRSDOS and LDOS programs (in Model III mode). Expand with external hard disk drives, high resolution graphics and CP/M Plus. Includes Microsoft Disk BASIC and TRSDOS 6 operating system, owner and programming manuals. High-impact ABS case. Built-in carry handle. U.L. listed. 26-1080 1299.00

Model 4P Modem Board. Install modem board inside your Model 4P to communicate with your office computer or access information services by phone. Direct-connect 300 bps modem features auto-dial/auto-answer and full/half-duplex modes. User-installable. 26-1084 . . . 149.95



New! Model 4P Travel Case. Heavy-duty vinyl with foam-padded bottom. Inner pocket for manuals and diskettes. 26-1085 . . . 24.95

Take the Model 4P With You—It's Only 26 lbs. and Fits Easily Overhead on Airline Luggage Racks

NEW LOW
PRICE!



Get It "On Credit"—Radio Shack CitiLine, American Express, Mastercard and Visa Welcomed at Most Stores

TRS-80® MODEL 4/III/I DISK SOFTWARE

These Three Popular Programs
Take Advantage of
Model 4's Large
Memory, 80 x 24
Screen and
Improved
Clock Speed



Three Programs to Save Time and Effort

Target PlannerCalc. 4 (E) Versatile, low-cost electronic spreadsheet for creating financial models. Performs a wide variety of mathematical operations, yet is remarkably easy to use. Operates using plain English formulas. 26-1512 99.95

PFS:FILE. 4 (E) Personal filing program lets you create and organize records according to your own specifications. Fast and easy data access. 26-1518 124.95

Model 4 SCRIPSIT®. 4 (E) Low-cost word processing program lets you prepare correction-free memos, letters, reports and manuscripts. With manual and quick-reference card. Requires printer. 26-1596 99.95



High-Resolution Graphics

- For Business, Engineering, Entertainment
- Easy-to-Use Graphics BASIC Language

Model 4 High-Resolution Graphics. 4 (E) Provides 153,600 picture elements. 26-1126 249.95*

Model III High-Resolution Graphics. III (E) 26-1125 369.95*

*Requires installation, not included.

Versatile Business Graphics Program

III (E) Select pie, bar, line or scatter charts, supply the data and the program quickly displays your graph on the screen. High-Resolution Graphics suggested, but not required (see above). 26-1597 174.95

AgDisk Agricultural Software

A valuable decision-making tool for farmers and ranchers. Requires 80-column printer.

Farm Accounting Package. III (E) 26-1546 499.00

Financial Management. III (E) 26-1547 99.95

Machinery Management. III (E) 26-1548 99.95

Corn/Soybean Management. III (E) 26-1549 99.95

AgDisk Templates (below) make VisiCalc (required) easy to use for agricultural applications.

Business Management. III (E) 26-1610 69.95

Cow-Calf Herd Management. III (E) 26-1611 69.95

Crop Management. III (E) 26-1612 69.95

Feedlot Cattle Management. III (E) 26-1613 69.95

Radio Shack Makes Software Selection as Easy as A, B, C!

Accounting

General Ledger. 4/III (E) Handles 100 accounts, 1150 transactions per month. 26-1540 199.95

Accounts Receivable.* 4/III (E) 26-1541 199.95

NEW! Invoice Writer. 4/III (E) Creates invoices for Accounts Receivable system above. 26-1544 49.95

Accounts Payable.* 4/III (E) 26-1542 199.95

Payroll.* 4/III (E) 26-1543 199.95

NEW! W-2 Writer. 4/III (E) For Payroll system above. 26-1539 49.95

Business Checkwriter. III (E) 26-1585 149.95

Manufacturing Inventory Control. I/III (E) 26-1559 199.95

NEW! Inventory Control. 4 (E) Easy and accurate. 26-1545 199.95

*Interactive with 26-1540 using 3 drives or hard disk.

Business and Productivity

New Low Price! Enhanced VisiCalc. Electronic spreadsheet for "What if...?" analysis. Was \$199.00 in 1984 Catalog. 4 (E) 26-1520 99.95

III (E) 26-1569 99.95

Desktop/Plan-80. III (E) 26-1594 199.00

VisiCalc Business Forecasting Model. III (E) 26-1521 99.95

Multiplan. 4 (E) Advanced spreadsheet analysis program. 26-1530 199.00

Profile® III Plus. III (E) Electronic filing program. 26-1592 199.00

Profile III Hard Disk. III (E) 26-1593 299.00

pfs:file. III (E) Same as Model 4 version shown above. 26-1515 124.95

pfs:report. Produces reports from pfs:file. III (E) 26-1516 99.95

4 (E) 26-1517 99.95

SCRIPSIT. I/III (A) Word processing program. 26-1563 99.95

New Low Price! SCRIPSIT Spelling Dictionary. I/III (E) Was \$149.95 in 1984 Catalog. 26-1591 99.95

SuperSCRIPSIT. Deluxe word processing with proportional-spaced printing, multiple columns, and much more. I/III (E) 26-1590 199.00

4 (E) 26-1595 199.00

NEW! Model 4 Super-SCRIPSIT Dictionary. 4 (E) Automatically finds and corrects misspellings. 26-1600 99.00

NEW! Formation Forms Management System. III/4 (E) An easy-to-use, menu-driven program for creating, filling out and printing business forms. 26-1527 199.95

Compilers and Languages

Editor/Assembler, Series I. I/III (A) Allows programming in Z-80. 26-2013 34.95

Assembly Language Development System. III/4 (E) With full screen editor, assembler with sorted cross-reference listing, Linker, File Transfer, Debug. 26-2012 149.00

NEW! Assembly Language Tutor. III (E) 26-2018 69.95

Alcor Pascal for Model I/III. I/III (E) 26-2211 249.95

Alcor Pascal for Model 4. 4 (E) 26-2212 249.95

BASCOM-4. 4 (E) Fast compilation of Model 4 BASIC programs. 26-2218 195.00

BASCOM. III (E) Compiles Model III BASIC. 26-2210 195.00

CP/M Plus. 4 (E) Supports thousands of available programs. 26-2216 149.95

CBASIC 4. (E) For CP/M Plus above. 26-2217 99.95

COBOL. I/III (E) 26-2203 199.00

COBOL-4. 4 (E) Single-step compiler, multi-key ISAM, COBOL editor and DEBUG. 26-2190 199.00

Compiler BASIC. I/III (E) Single-key ISAM, DEBUG and cross-reference. For program development only. 26-2204 149.00

FORTTRAN. III (E) 26-2200 99.95

FORTTRAN I. I (E) 26-2201 99.95

FORTTRAN-4. 4 (E) Uses EDIT-80, compiler, linking loader and arithmetic library subroutines. 26-2219 99.95

Minimum Hardware Requirements

III = Model III
I/III = Model I or III
4 = Model 4 Only

A 32K 1-Disk (E) 48K 2-Disk

B 32K 2-Disk (E) 64K 1-Disk

C 48K 1-Disk (E) 64K 2-Disk

Investment Portfolio Manager. 4 (E) An aid in tracking investments. 26-1514 199.95

NEW! TRSDOS 6 Training. 4 (E) A comprehensive course for Model 4 owners. 26-2019 74.95

Micro/Courier. III (E) Send and receive electronic mail or data. Requires Modem II and RS-232C interface. 26-1589 149.95

Real Estate Investment. III (E) 26-1579 99.95

PowerTool. I/III (E) Lets you examine and modify TRSDOS and LDOS diskettes with ease. 26-2022 49.95

BFBLib Disk. III (E) 121 BASIC subroutines and utilities. 26-2021 19.95

Let our Manager Series help you get organized!

Project Manager. III (E) 26-1580 99.95

Personnel Manager. III (E) 26-1581 99.95

Time Manager. III (E) 26-1582 99.95

GAME AND PERSONAL SOFTWARE FOR MODEL 4/III/I

NEW! Orchestra 90®



Compose Your Own Music on Your Computer and Hear It on Your Home Stereo

Orchestra 90 Stereo Music Synthesizer. (1/2) Compose music in six octave ranges in up to five simultaneous voices—all in stereo. Just connect Orchestra-90 to the I/O port of your Model III or 4 and plug it into your home stereo receiver. Transcribe any sheet music in any time signature or key. **26-1922** **79.95**

Get More Fun for Your Money!

Games Pack 3. (1/2) Includes Cosmic Fighter and Meteor Mission II. **26-1923** **24.95**

Disk Version. (3) **26-1924** **24.95**

Games Pack 2. (1/2) Includes Defense Command and Stellar Escort. **26-1925** **24.95**

Disk Version. (3) **26-1926** .. **24.95**



Exciting New Games for the Whole Family

NEW! 13 Ghosts. (4) Armed with your "Ghost Blaster," you're out to de-spook a Ghost Town. But 13 unhappy spirits are going to try to make things awfully unlucky for you. But what's this—a skeleton that's immune to your blast? You'll be lucky to get out alive! **26-1927** **19.95**

NEW! Sword of Roshon. (2) A special interactive story—you're the hero! Different points in the story let you make a decision that helps determine the outcome—it's different every time! But be careful—if you make the wrong choice ...! **26-1918** **9.95**

NEW! In the Hall of the Mountain King. (3) As a private in the Space Vikings, you are sent to the planet Trolldhjem to rescue your kidnapped princess, and destroy the Troll King and his underground kingdom. Enter the dreaded Norwegian Circle Maze, battle trolls and recover stolen treasures. **26-1921** **14.95**

NEW! Computer Diplomacy. (4) You guide the destiny of a European power through the intricacies of international politics. By negotiating alliances with other players and careful planning, you seek control of Europe. For up to seven players. **26-1957** **19.95**

Magic Carpet. (1/2) An interactive adventure game for youngsters. **26-1919** **9.95**

Old Favorites for Hours of Fun

Space Warp. (1/2) Destroy the alien vessel! **26-1912** **14.95**

Gammon Gambler. (1/2) Ten skill levels. **26-1916** **19.95**

Microchess. (1/2) There are three levels of difficulty to choose from. For beginners or advanced players. **26-1901** **19.95**

Monty Plays Scrabble. (3) 54,000-word vocabulary! Requires board game and mini-amplifier. **26-1954** **34.95**

Starquest. (1/2) Fight off aliens! **26-1920** **14.95**

Bedlam. (1/2) Escape the asylum! Dodge guard dogs and insane patients! Different exit every time. **26-1917** **14.95**

ZORK Adventure Game on Disk

- One of the Most Popular Adventure Games Ever Offered!
- Play It on Model I, III or 4



ZORK. (3) Enter into a fantasy where danger and opportunity lurk around every corner! You must stay alive and find the hidden treasures of this challenging, complex adventure game.

26-1951 **39.95**

Popular Cassette Software for Your Model 4/III/I

Budget Management. (1/2) Records up to 60 budgeted accounts with 25 cash expenses, plus 20 savings transactions and 50 checks per month. Prints various reports with optional printer. **26-1603** **19.95**

DEBUG. (1/2) Displays memory in 128 or 256-byte full-screen mode. Displays Z-80 registers. Also allows modifications to RAM and registers. Includes single-step execution of programs and breakpoint interruption of execution. **26-2000** **19.95**

Tiny Pascal. (2) Great introduction to this structured programming language. Fixed-point, non-array version of PASCAL includes sample programs to get you started. Model III Pascal is complete with monitor, compiler and editor. **26-2020** **19.95**

Series I Editor/Assembler. (1/2) Includes manual with Z-80 instruction set. Editor features automatic line numbering, single-letter commands, optional parameters, global search. Assembler features single-letter commands. **26-2011** **29.95**

NEW! Assembly Language Lab. (1/2) A self-contained course in Z-80 machine-language programming. The software training package features 27 lessons with practical examples and exercises. Learn to write assembly-language programs and interface them with BASIC programs. **26-2017** **39.95**

DOTPLOT-80. (1/2) A software package to create beautiful graphics with easy-to-use BASIC commands! Requires graphics-mode printer. **26-2023** **19.95**

Cassette Mailing List. (1/2) No more searching through address books! Now you can keep an updatable file of names and print labels (with optional printer). Print entire list, or selectively by Zip Code, company name or other criteria. 80 names per data file with 16K, 250 names with 32K. **26-1503** **19.95**

SCRIPSIT® Word Processing. (1/2) The cassette version of our popular word-processing program. It's easy to compose and edit your text on the video display—then use an optional printer to produce correction-free letters and reports. You can even save your text on cassettes for later revision. Features include centering, headers, footers and more. **26-1505** **39.95**

Level II Renumber. (1) Renumber all or part of BASIC programs. **26-2004** **9.95**

Spectaculator. (2) An electronic spreadsheet for forecasting and problem solving. Change a value and all related figures are updated automatically. **26-1513** **49.95**

Advanced Statistical Analysis. (1/2/3) Analyze data and forecast trends. **26-1705** **39.95**

Minimum System Requirements

1 = 16K Level II 2 = Model III BASIC 3 = 32K 1-Disk 4 = 48K 1-Disk

Cassette software requires a TRS-80 Model 4/III/I computer and a cassette recorder.

Computer Diplomacy/TM Avalon Hill Games. Gammon Gambler/TM Dream Machine Collective. ZORK/TM Infocom, Inc. Monty/TM Rittam Corp. Scrabble/Registered TM Seichow & Richter Co. Z-80/Registered TM Zilog Corp

Model III Software Runs on a Model 4 in Model III Mode

NEW LOW PRICE! TRS-80® MODEL 100 COMPUTER



**America's Favorite!
Five Programs and
Modem—Built-In!**

8K RAM
Model 100 **\$599⁰⁰**
Was \$799 in 1984 Catalog

AS LOW AS
**\$35 PER
MONTH**

24K RAM
Model 100 **\$799⁰⁰**
Was \$999 in 1984 Catalog

AS LOW AS
**\$45 PER
MONTH**

- Full-Size Typewriter Keyboard
- 8-Line by 40-Character LCD Display
- Retains Data Even With Power Off

TRS-80 Model 100. A Micro Executive Workstation™ that operates on batteries or optional AC adapter. Built-in software makes it a personal word processor, appointment scheduler and address/phone directory. Use it for auto-dial telecommunications and BASIC programming, too. Includes parallel, RS-232C, cassette and bar code reader interfaces. Weighs less than 4 lbs. Requires four "AA" batteries.

8K Model 100. 26-3801 \$599.00

24K Model 100. 26-3802 \$799.00

8K RAM Expansion. Requires installation, not included. **26-3816 \$119.95**

Selected Hardware Product of the Year by
InfoWorld® and Portable 100® Magazines

Add Cassette Software for Even Greater Versatility

All Programs Require Cassette Recorder.

NEW! SCRIPSIT® 100. Turns Model 100 into a true word processor. Features advanced formatting capabilities. Produce documents with page headings, numbers, headers and footers and much more. **26-3830 . . . \$39.95**

NEW! Business Finance. Twelve programs for business finance applications. Includes Rent or Buy Decision, Depreciation and more. **26-3831 \$39.95**

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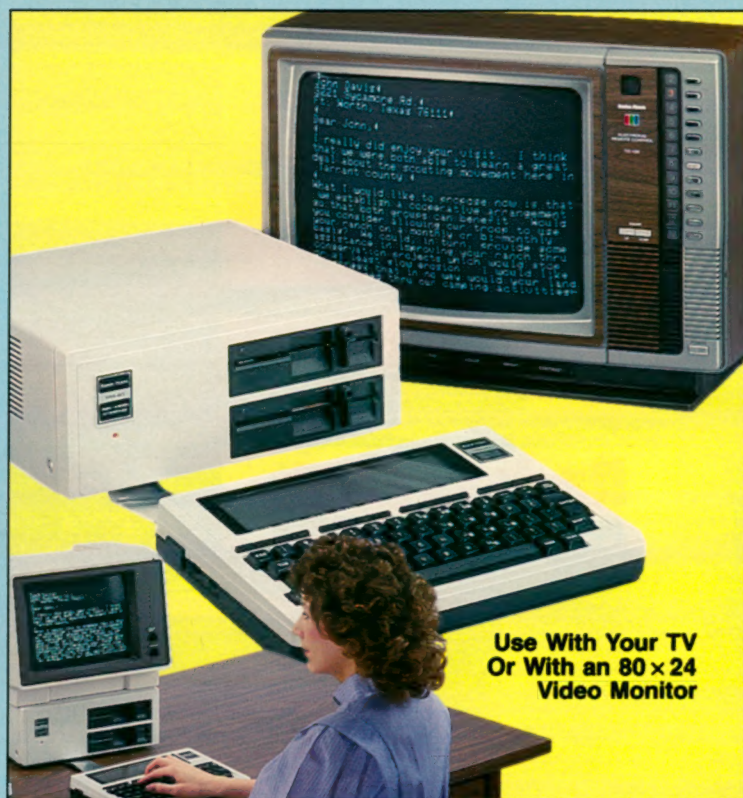
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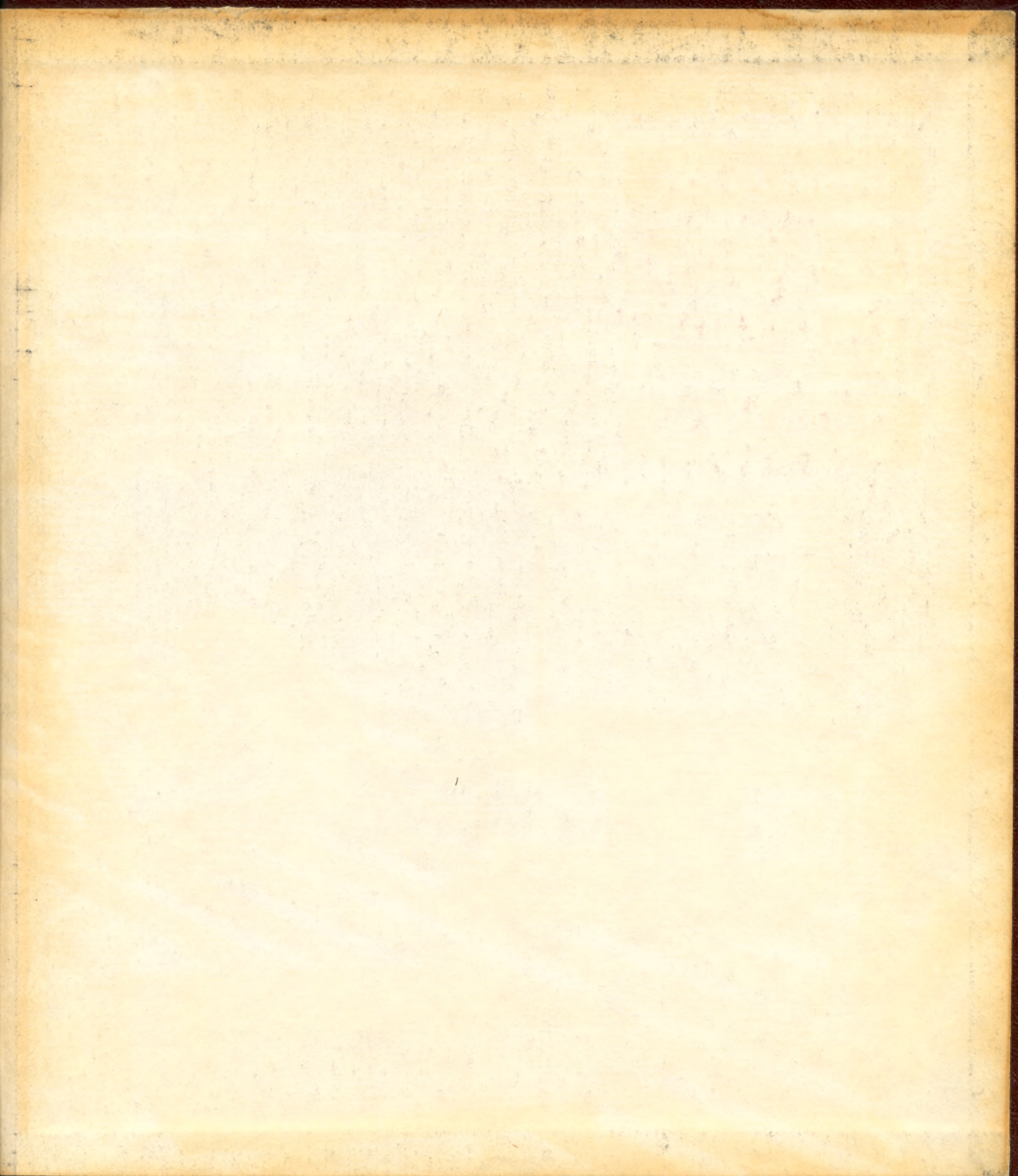
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